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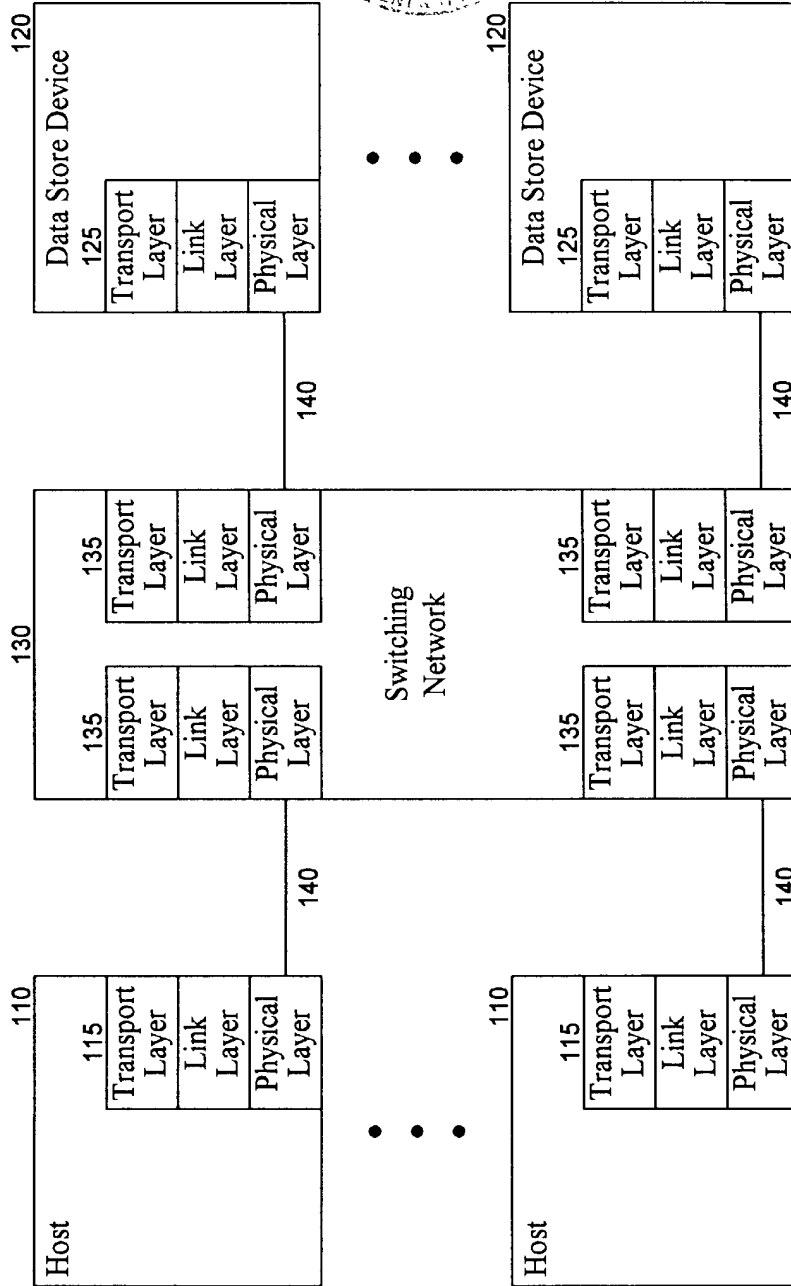


Fig. 1

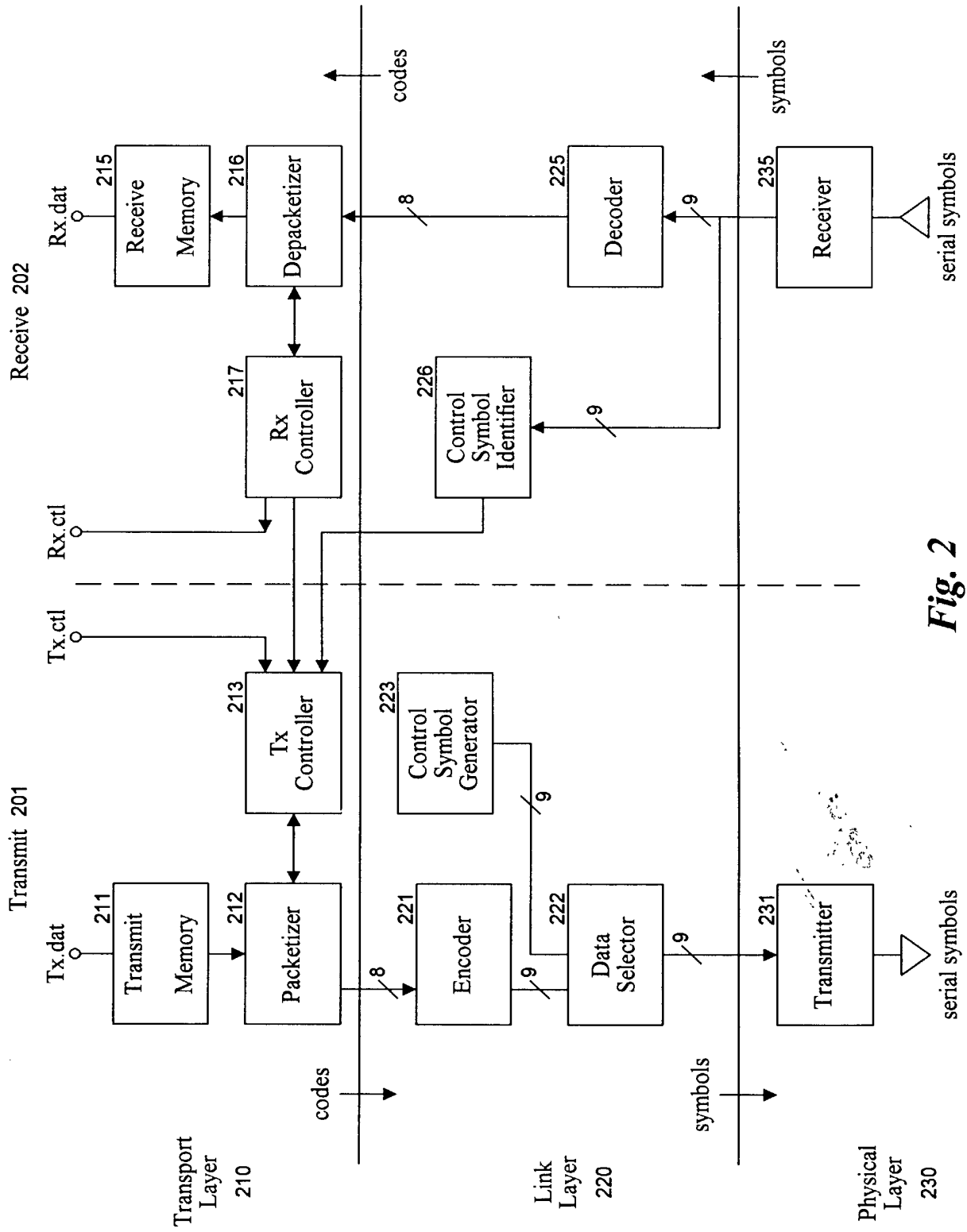
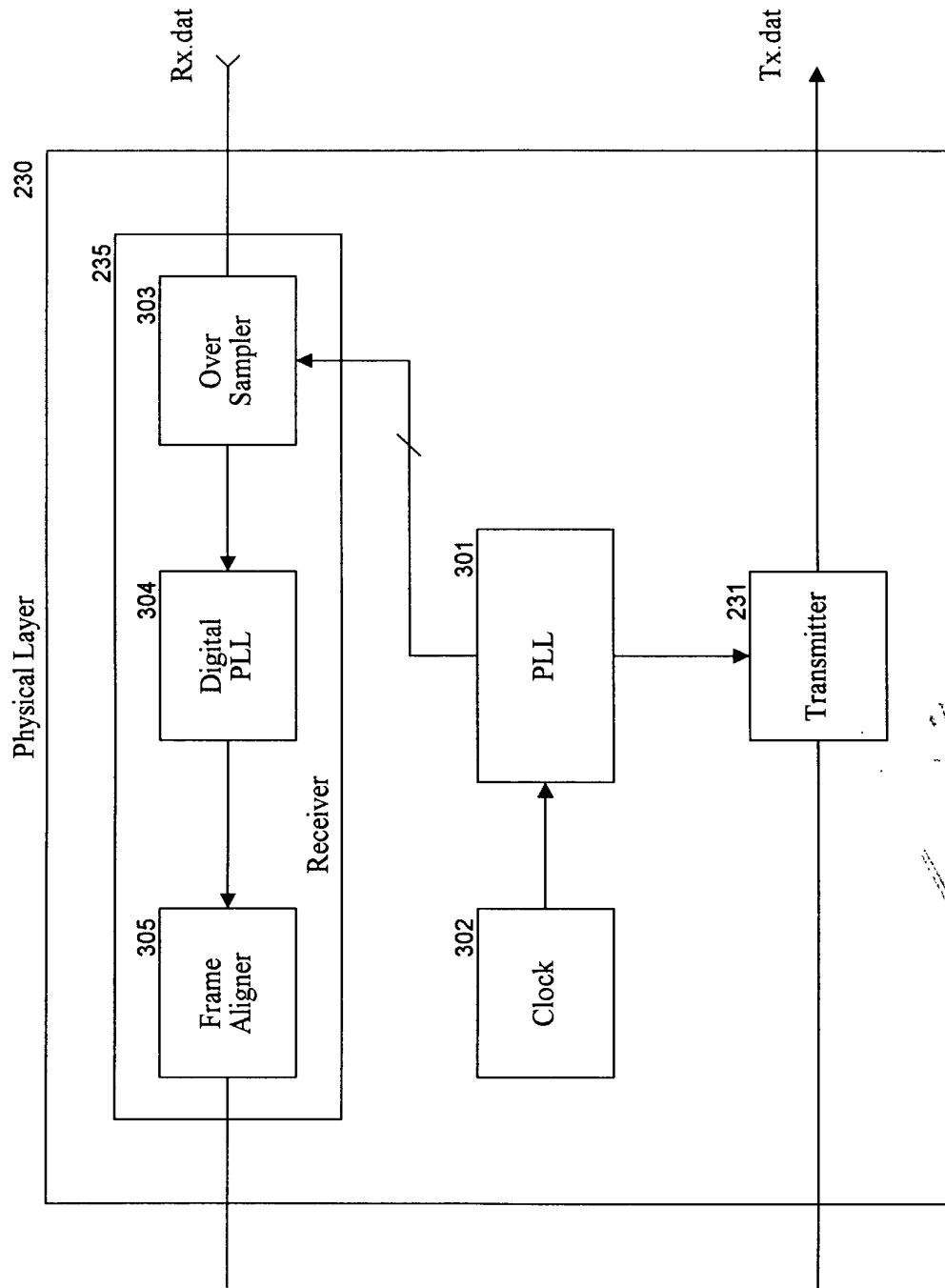
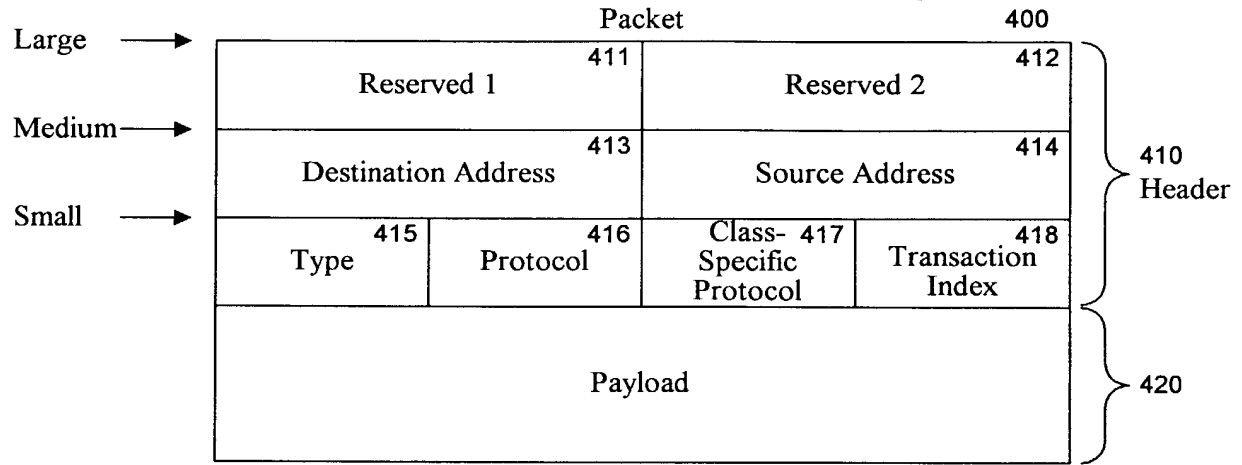


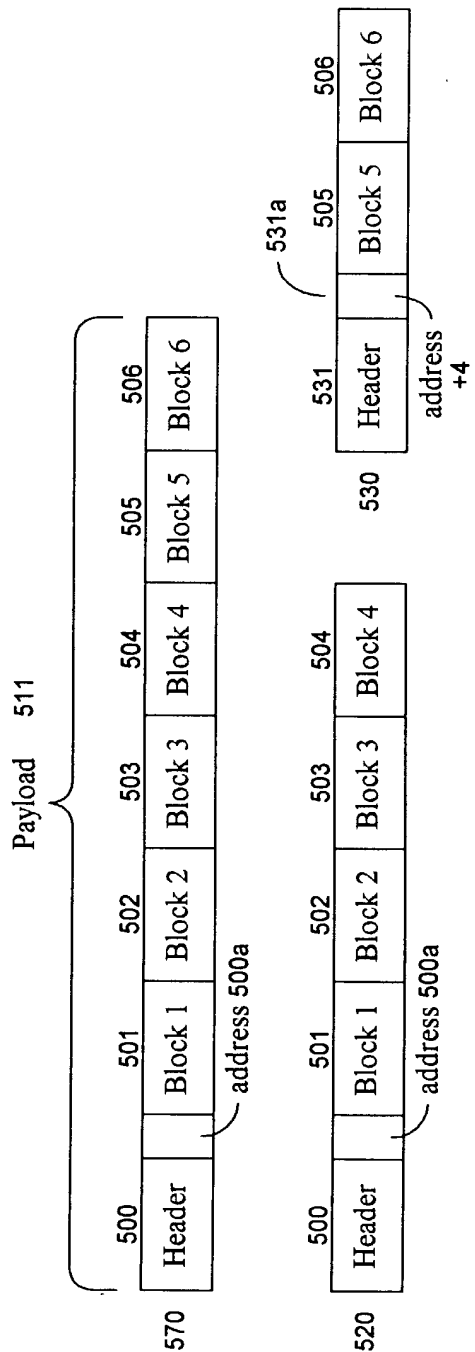
Fig. 2



**Fig. 3**



**Fig. 4**



**Fig. 5**

30052462, 051002

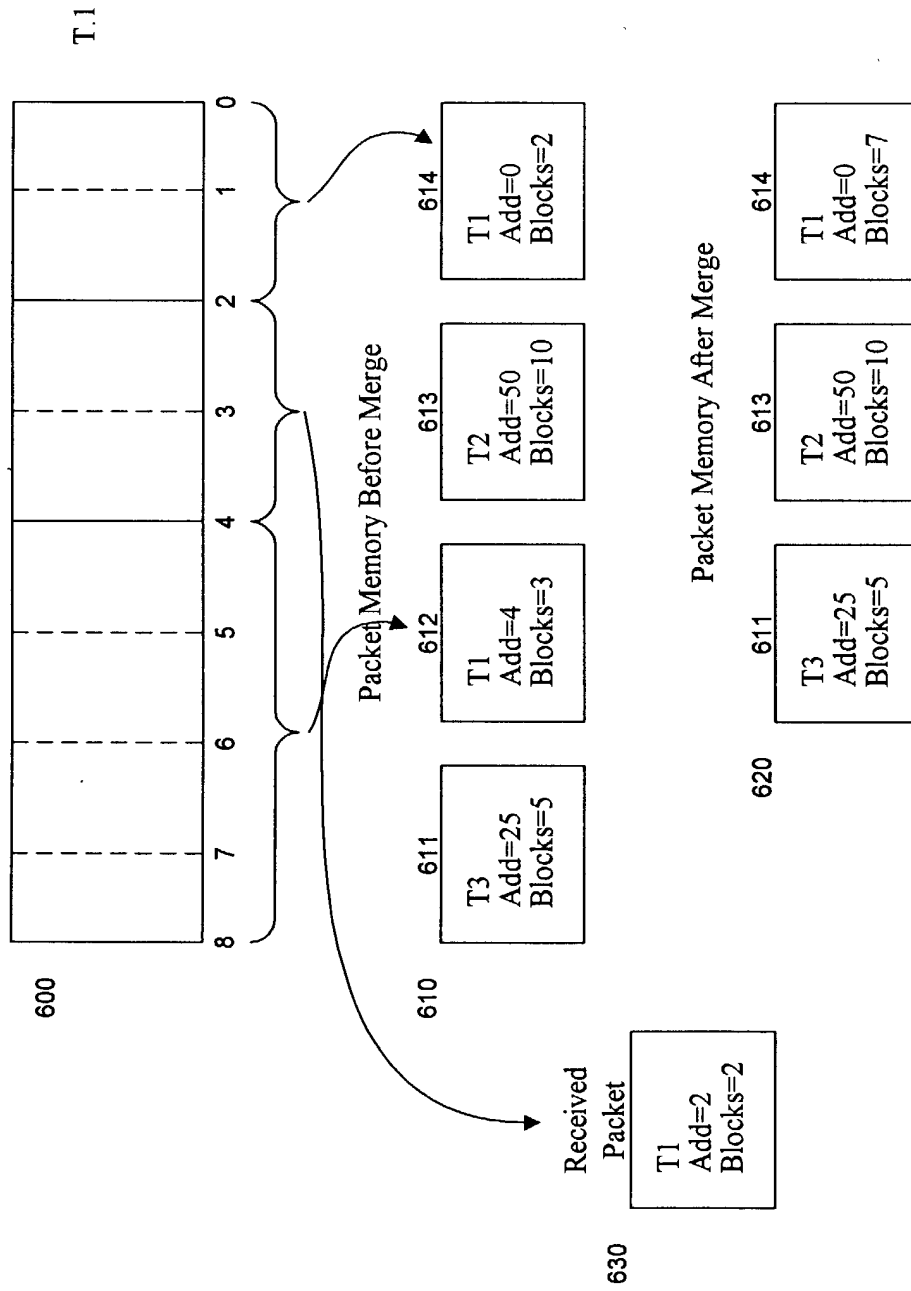
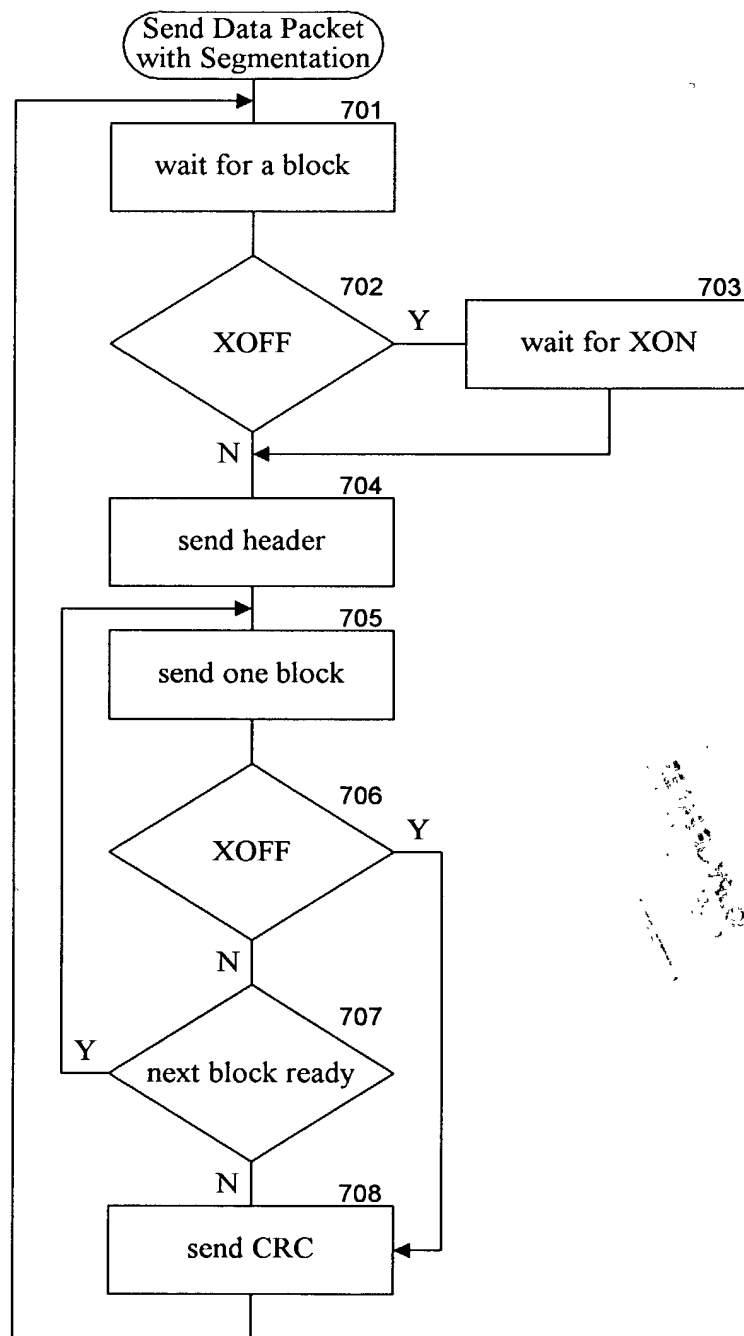
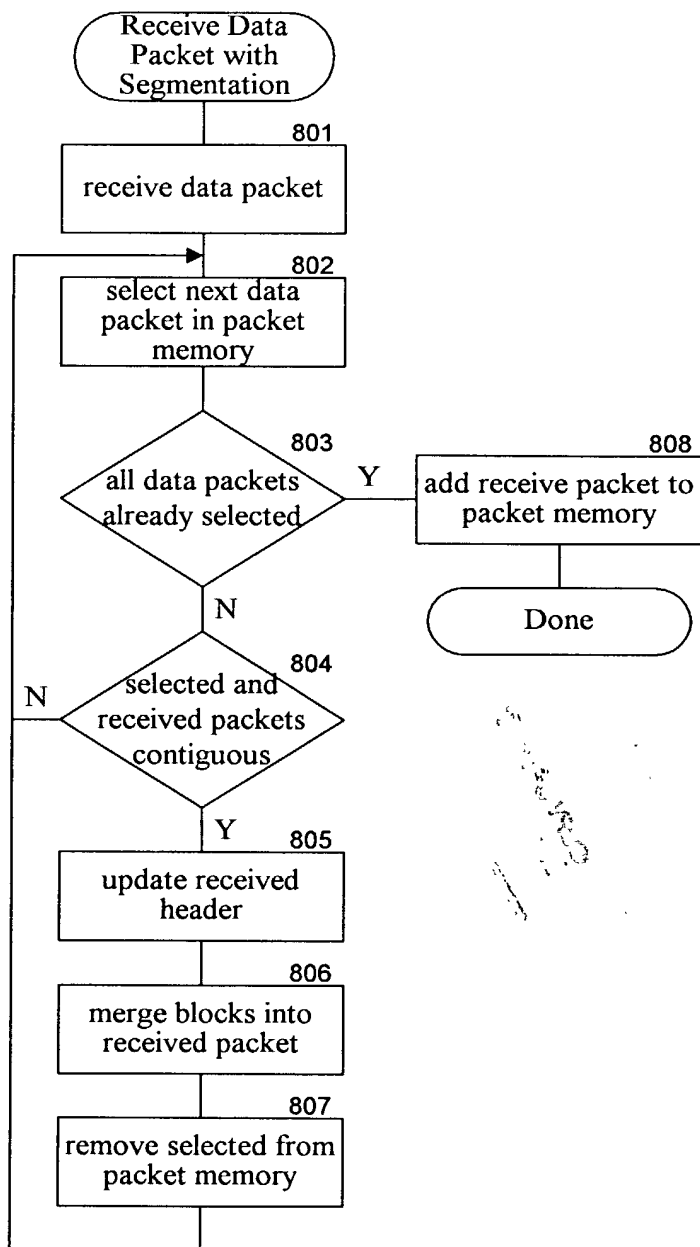


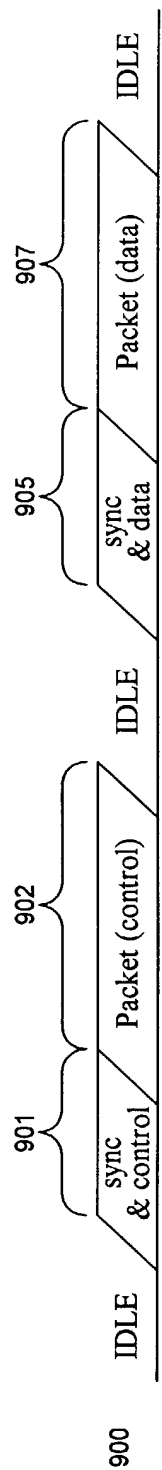
Fig. 6



**Fig. 7**

**Fig. 8**





sync & packet type

**Fig. 9A**

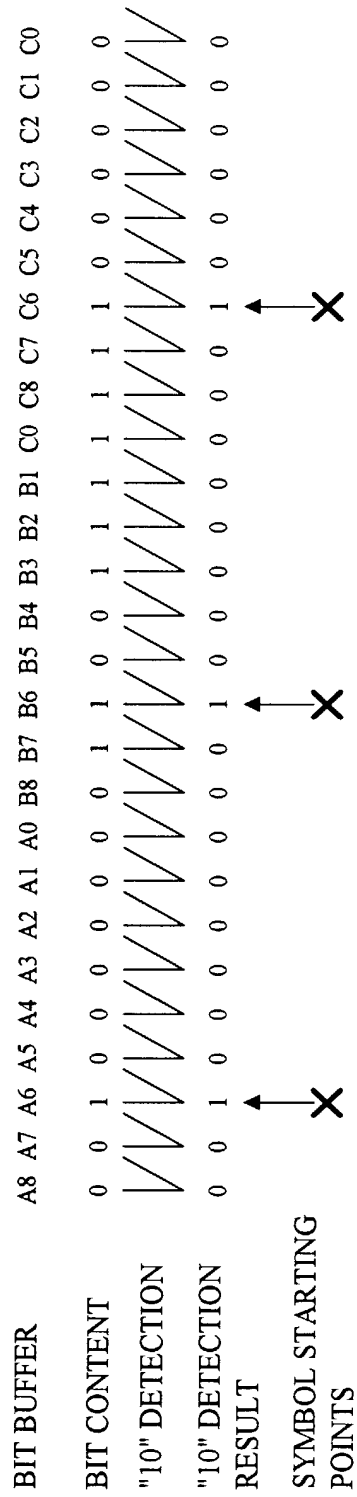


Fig. 9B

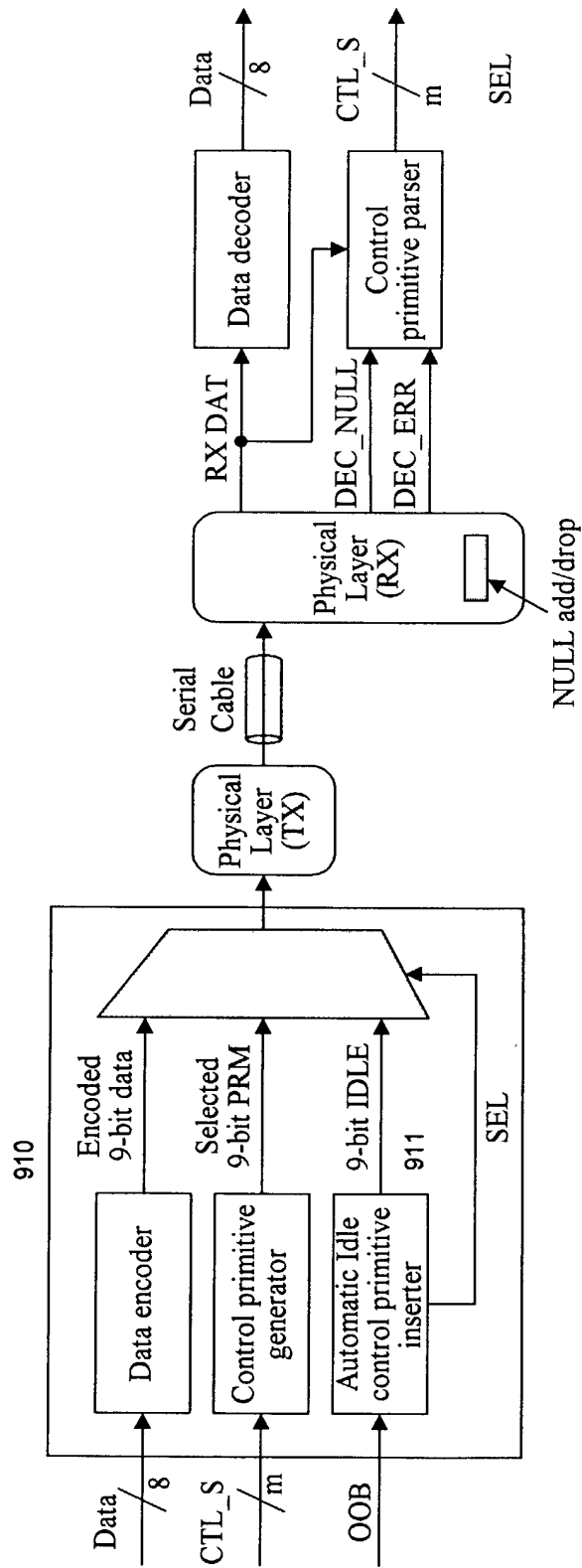


Fig. 9C

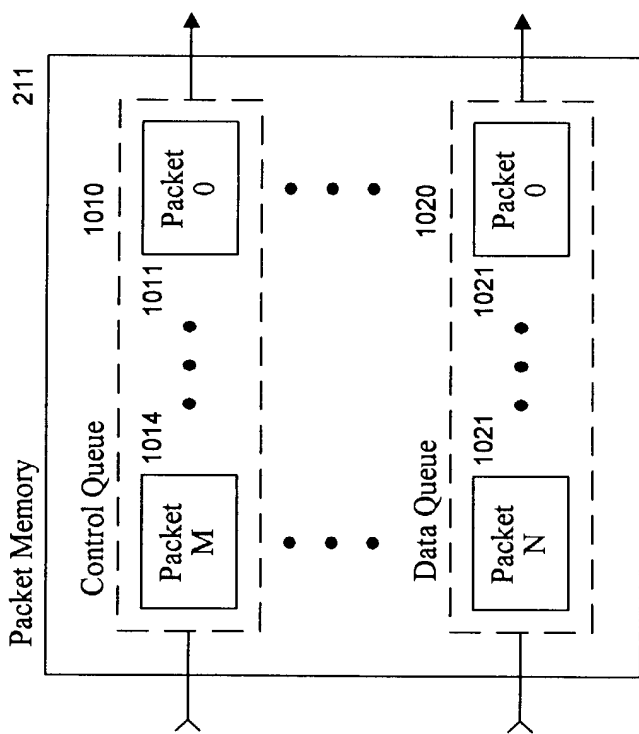
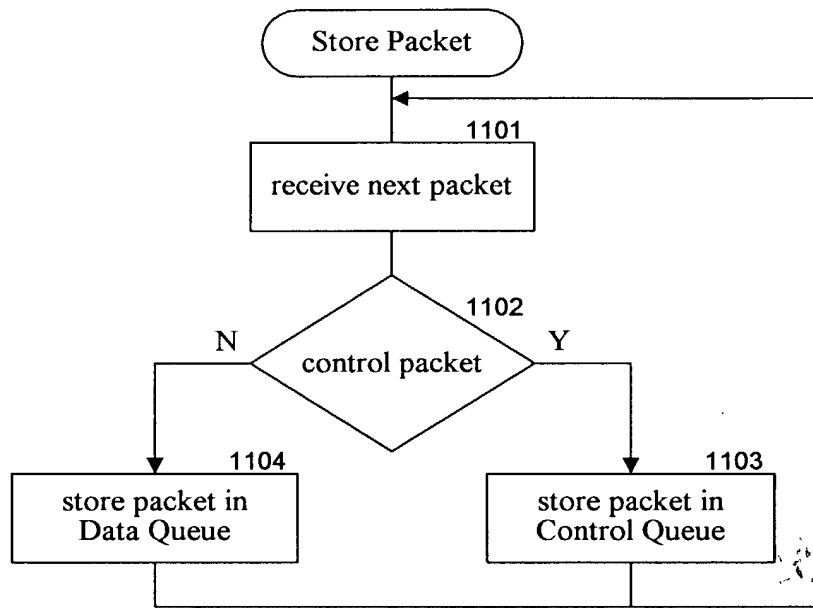
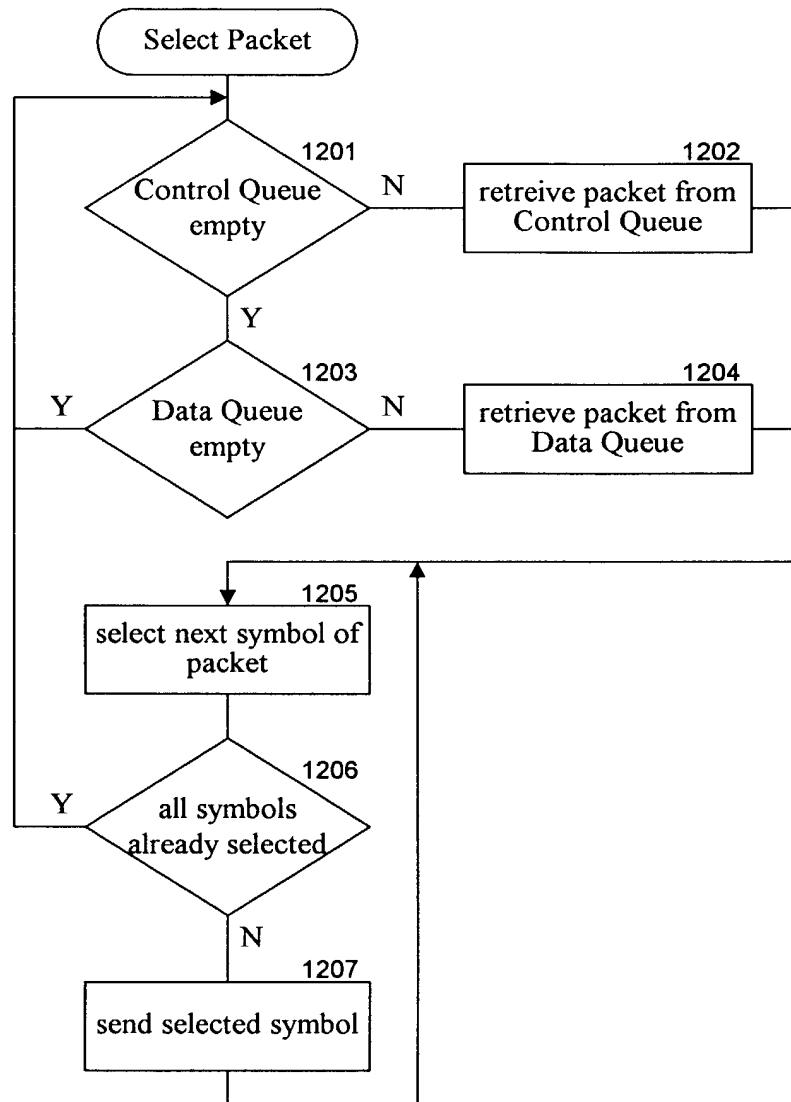


Fig. 10

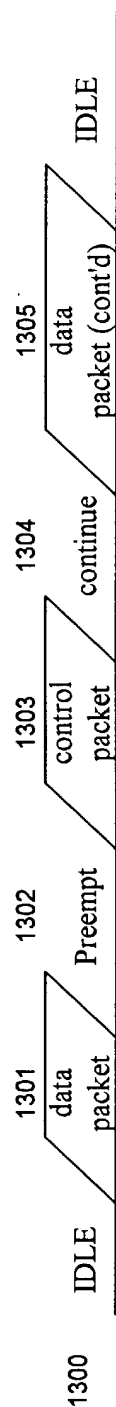
10050451, 051002



**Fig. 11**



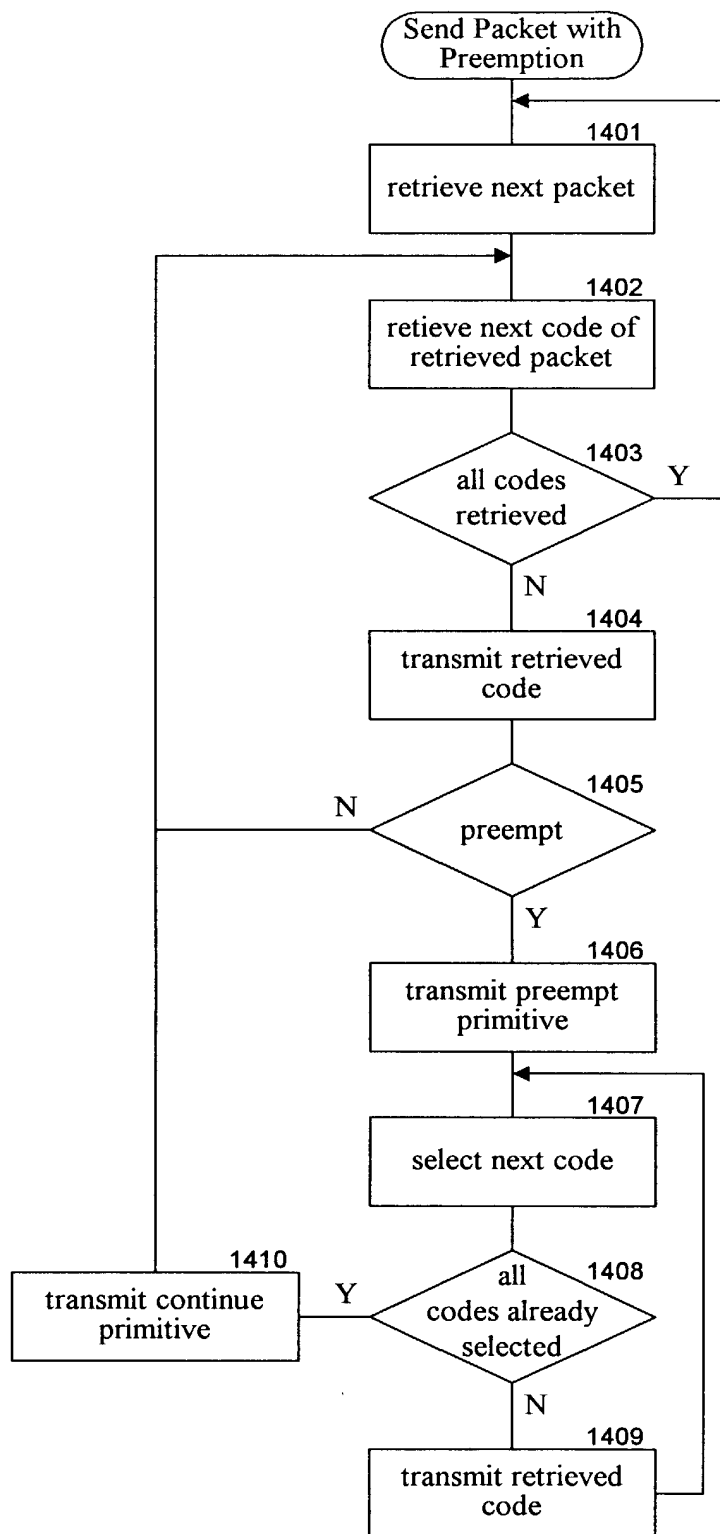
**Fig. 12**



*Fig. 13*

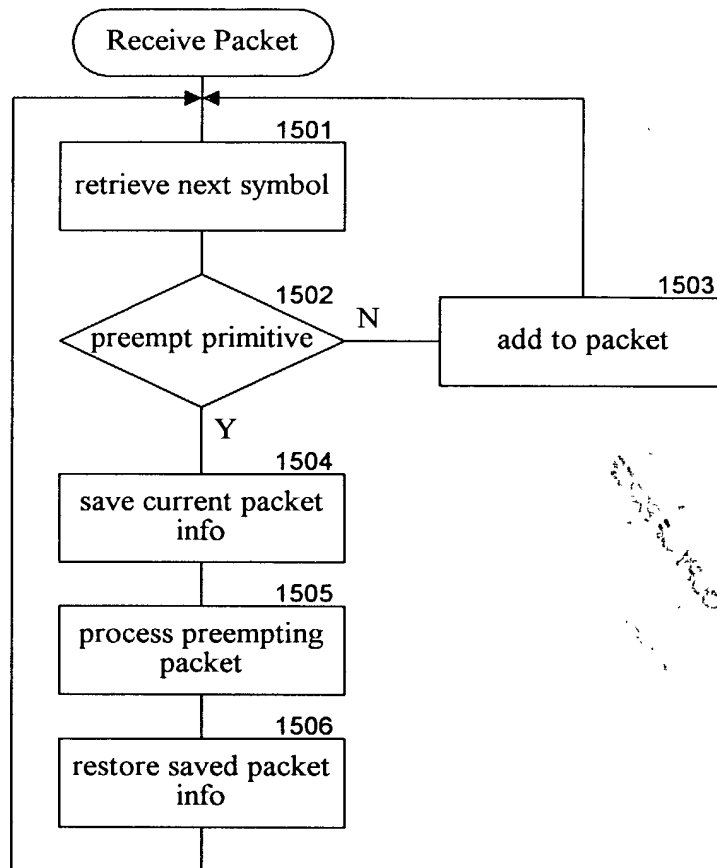
10053461 .051102

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**Fig. 14**





**Fig. 15**

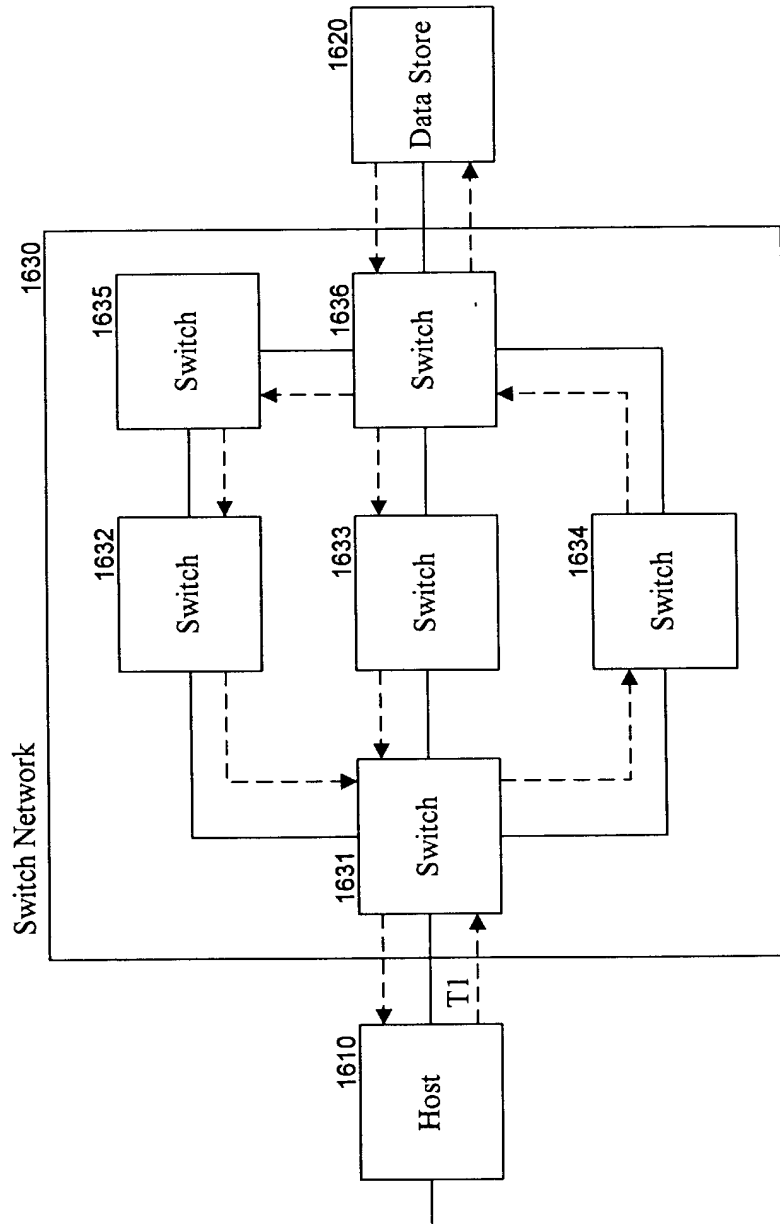
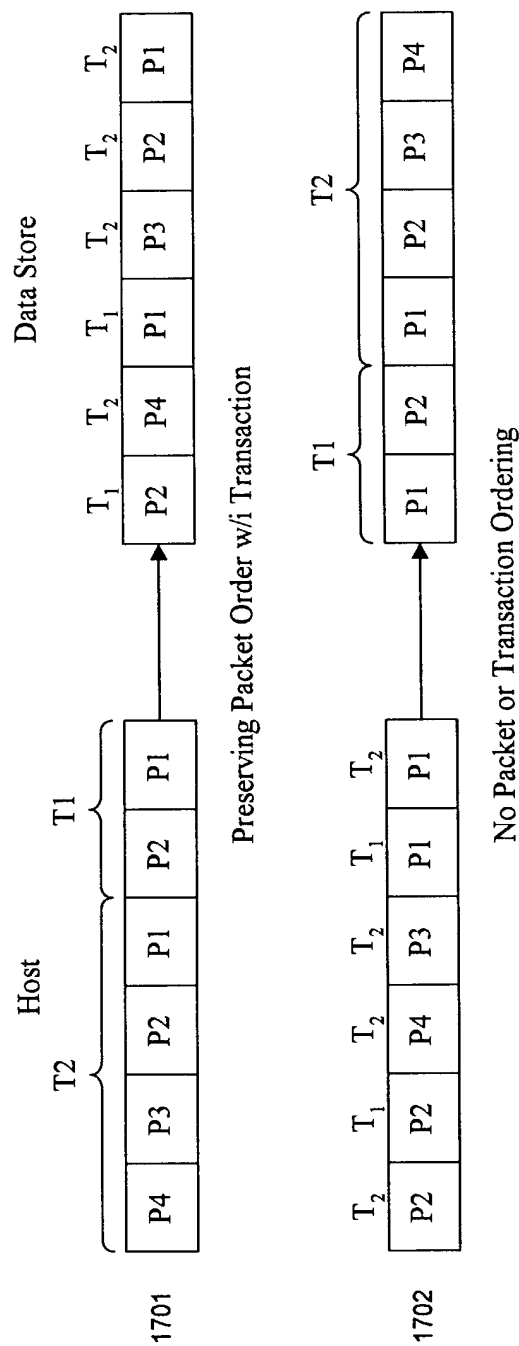
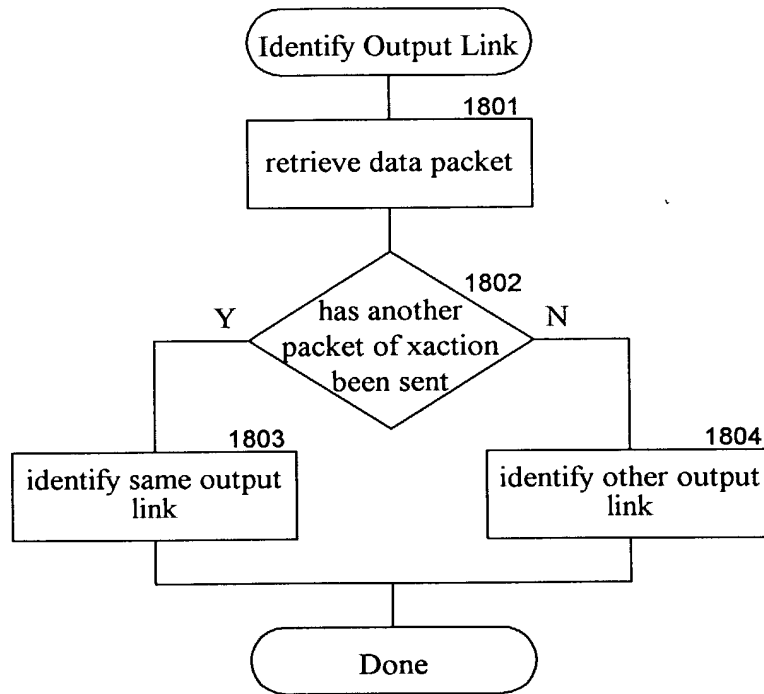


Fig. 16



**Fig. 17**



**Fig. 18**

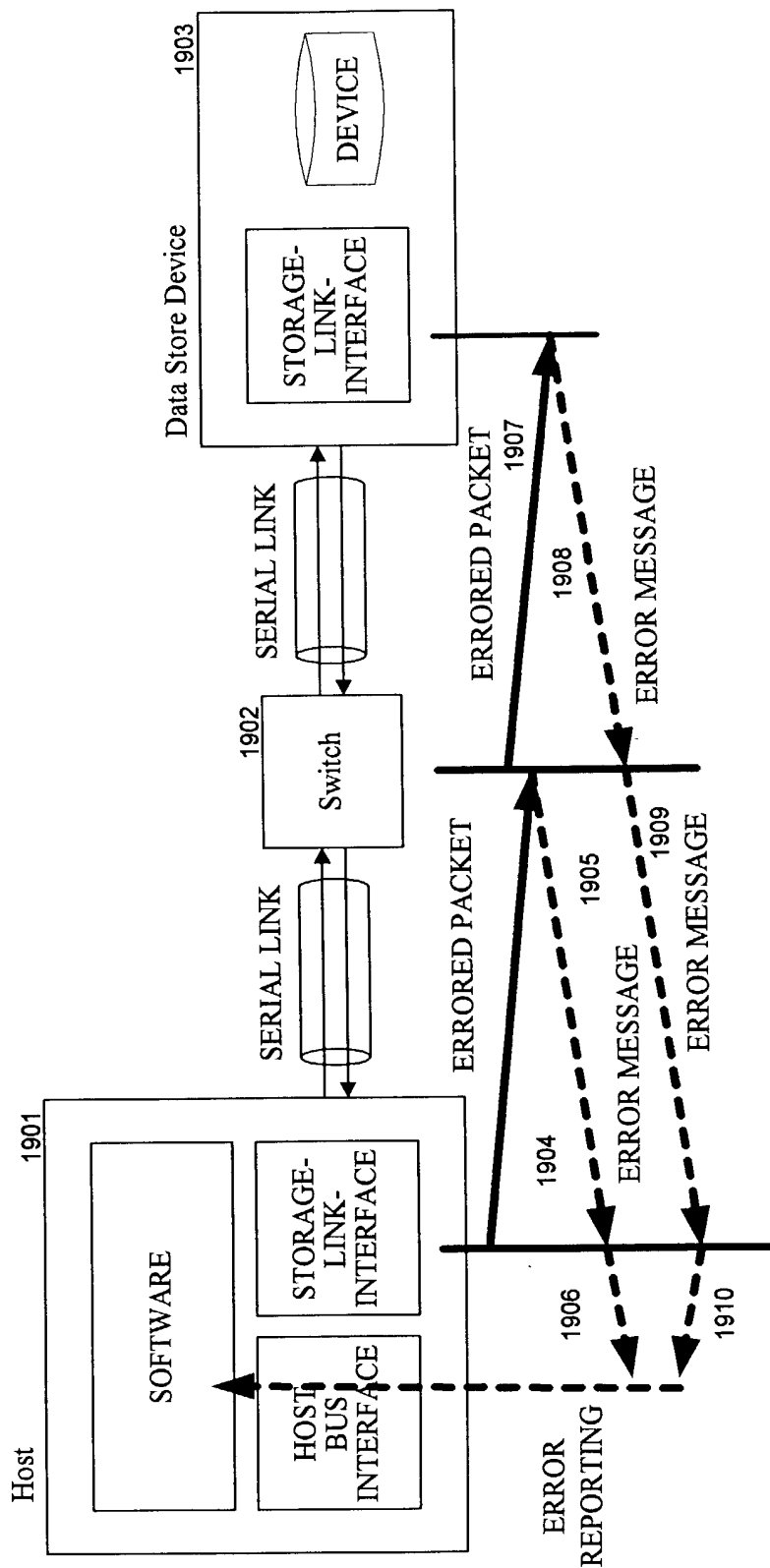


Fig. 19A

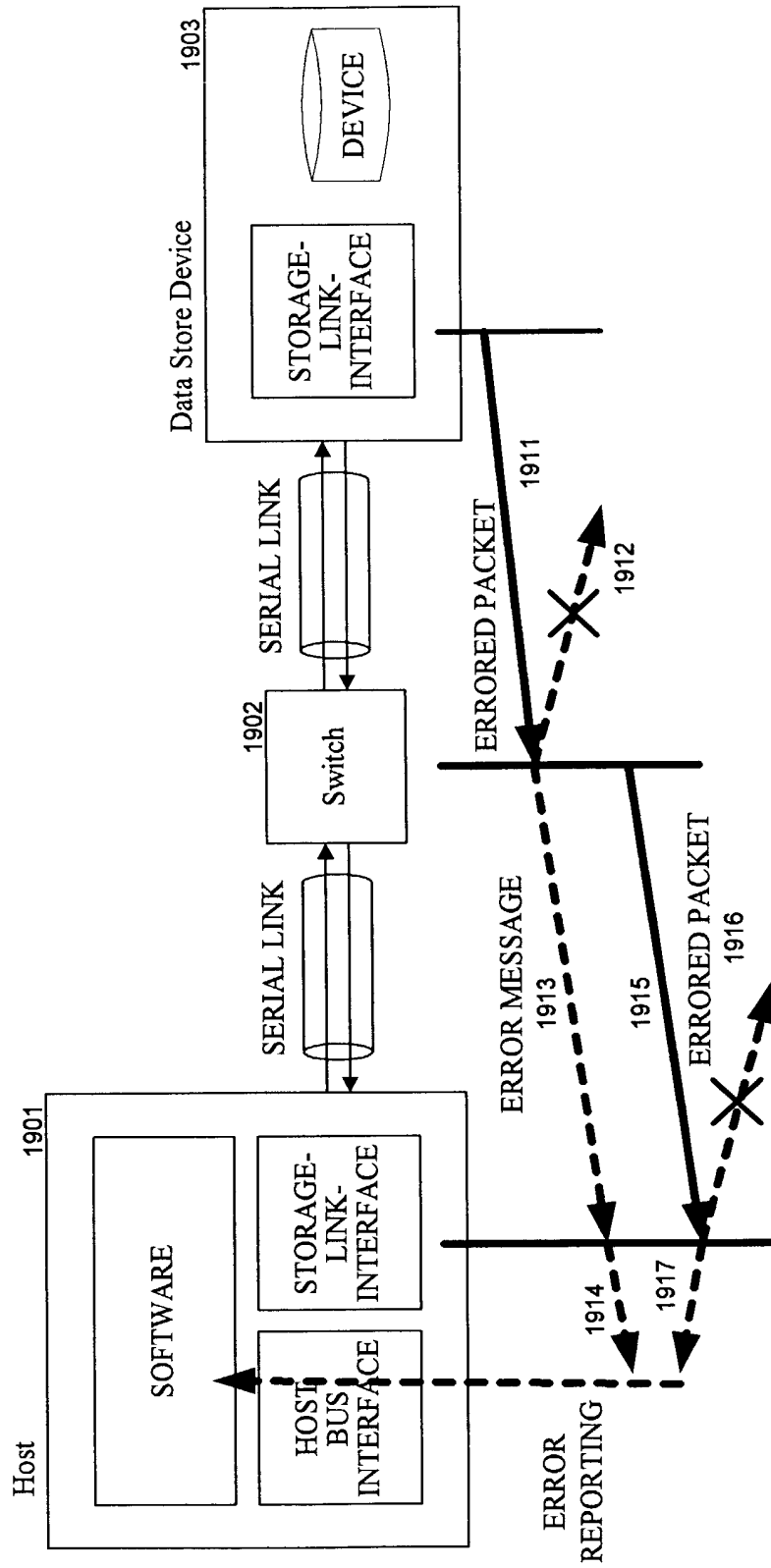
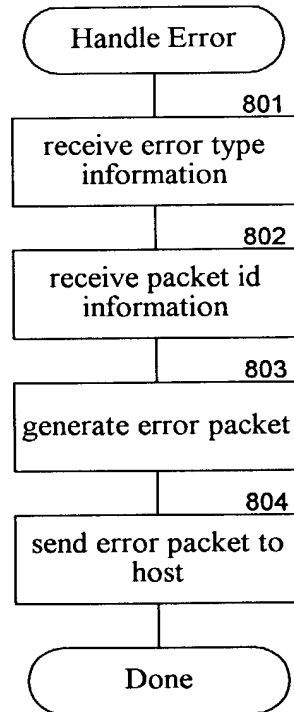


Fig. 19B



**Fig. 19C**

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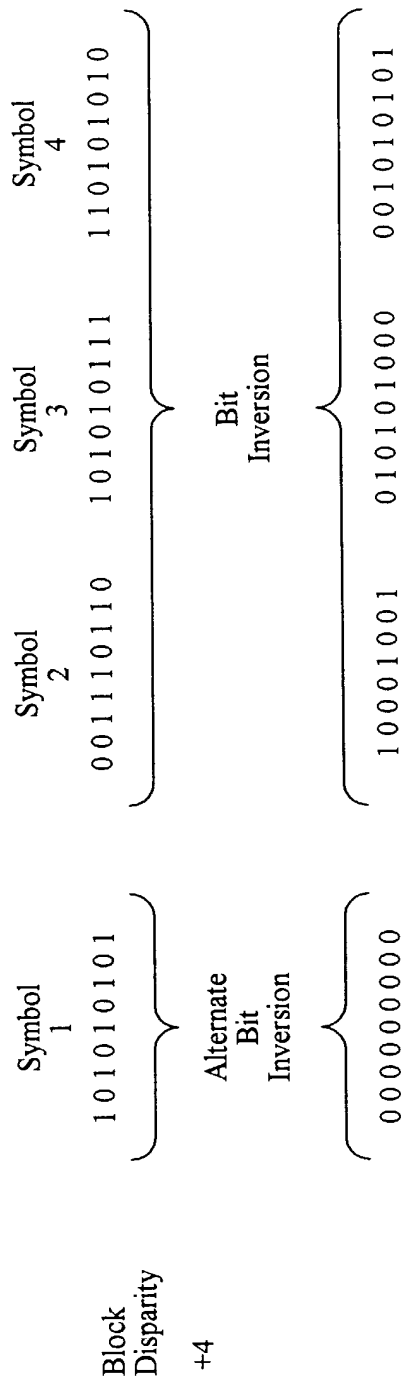


Fig. 21A

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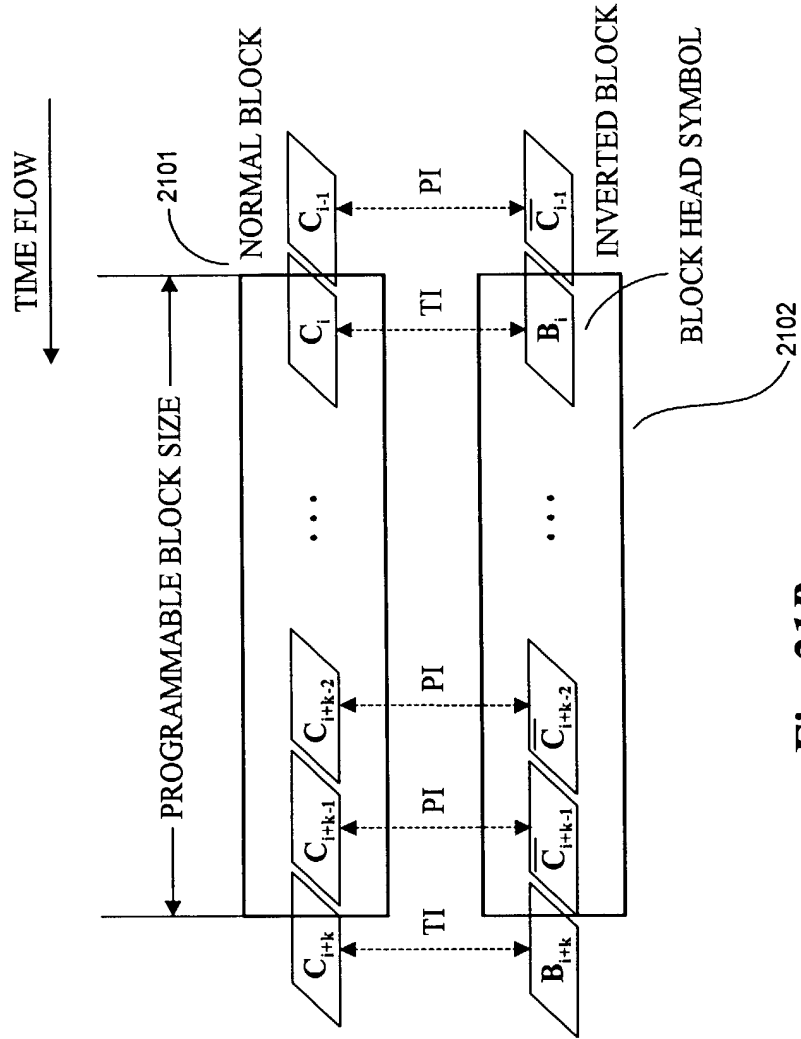


Fig. 21B

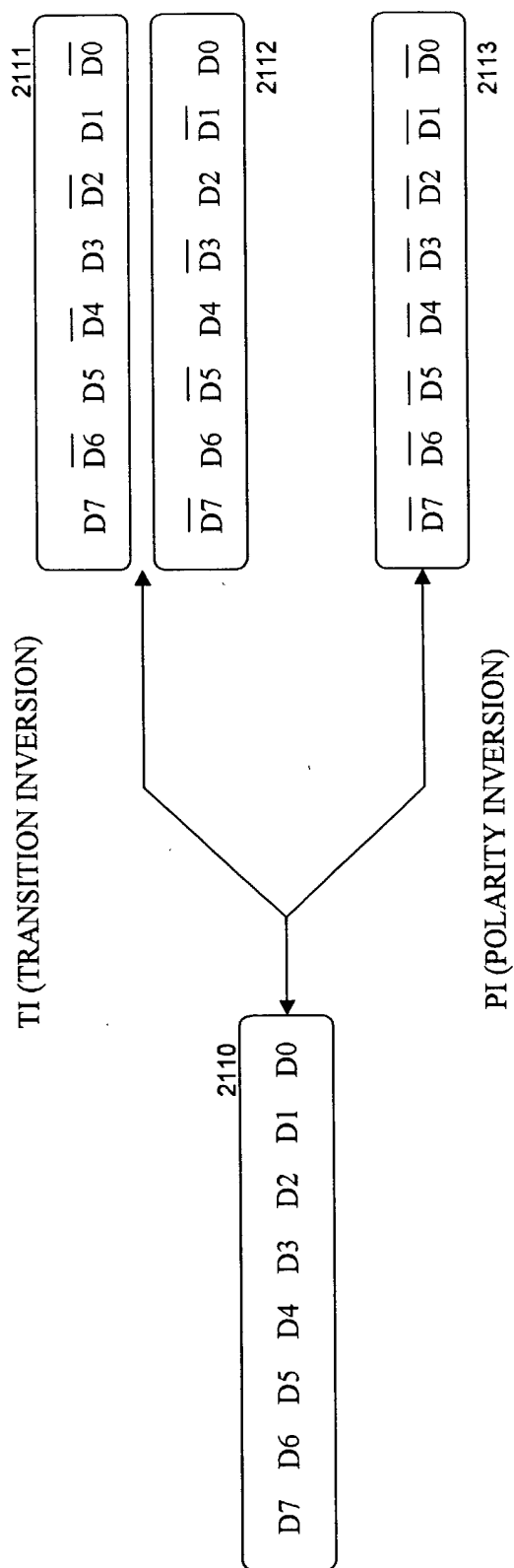
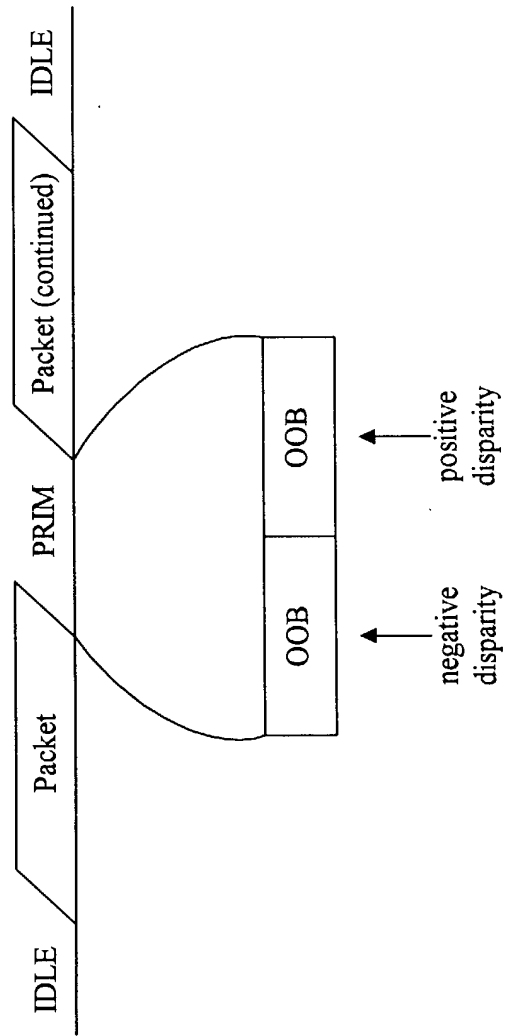
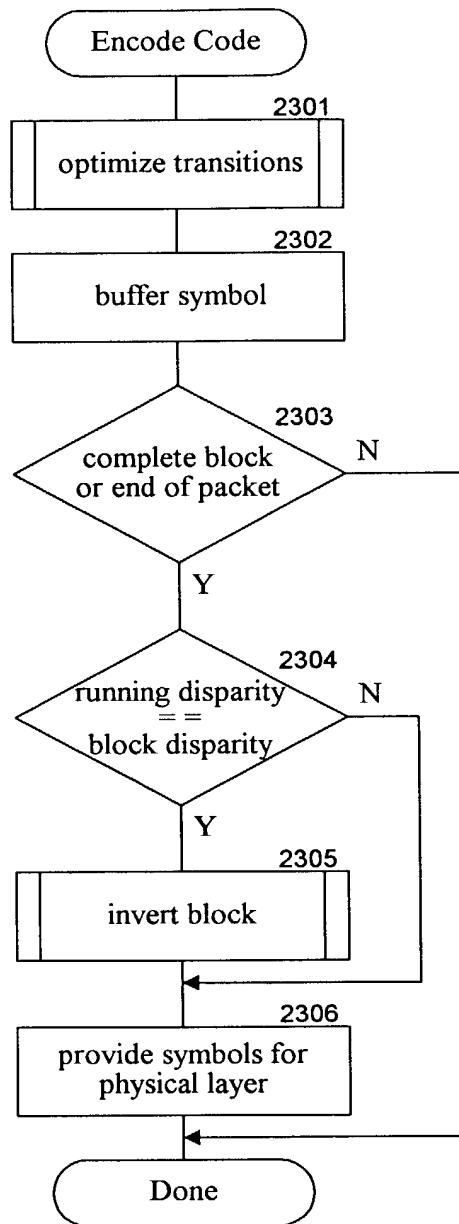


Fig. 21C

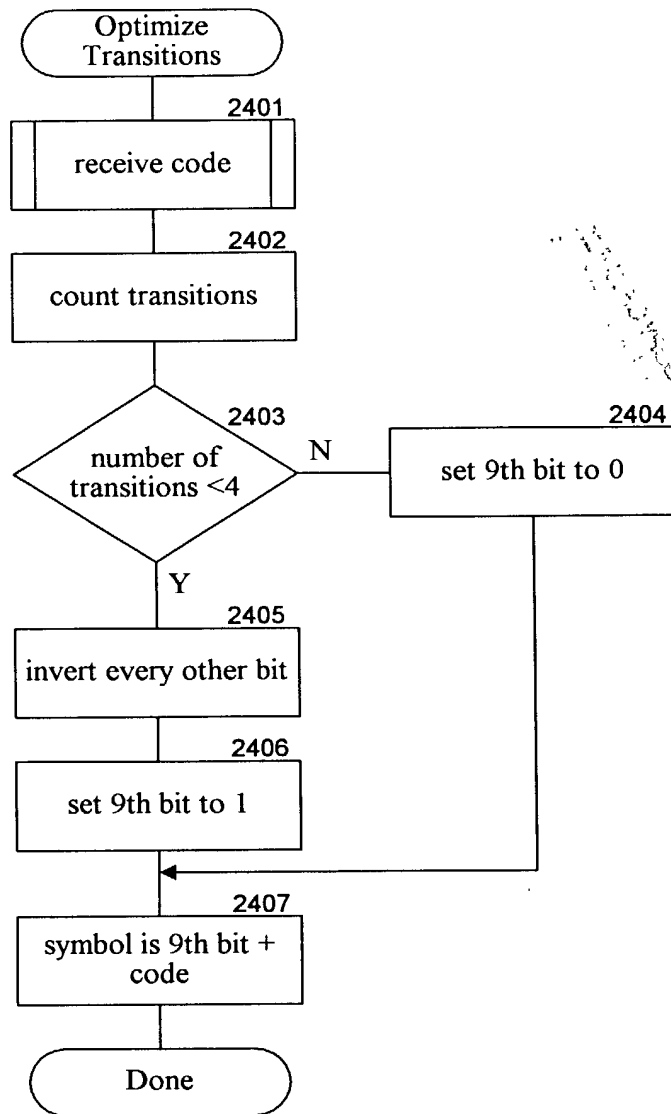
1005346.1 05/17/02



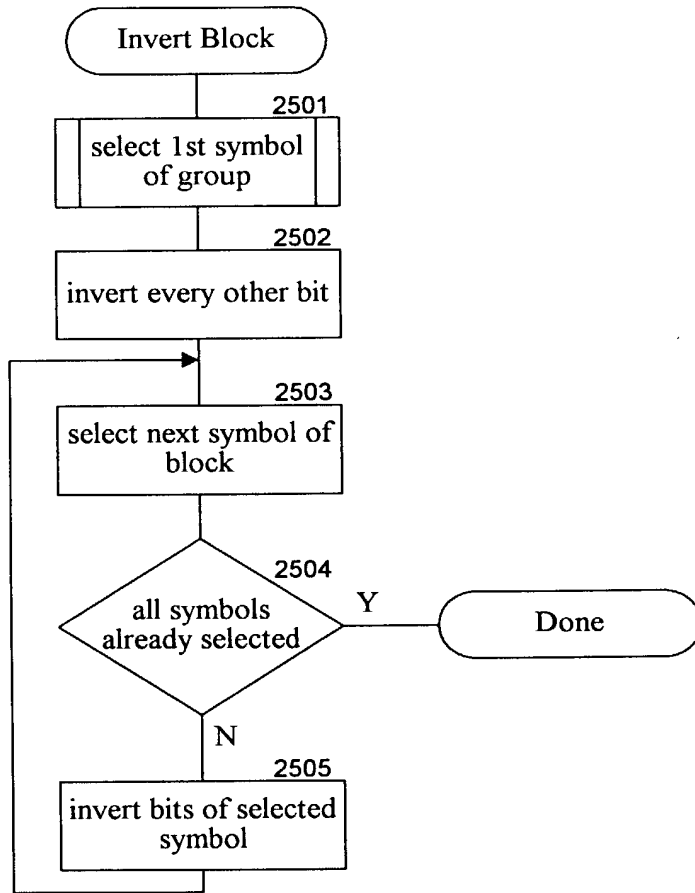
**Fig. 22**



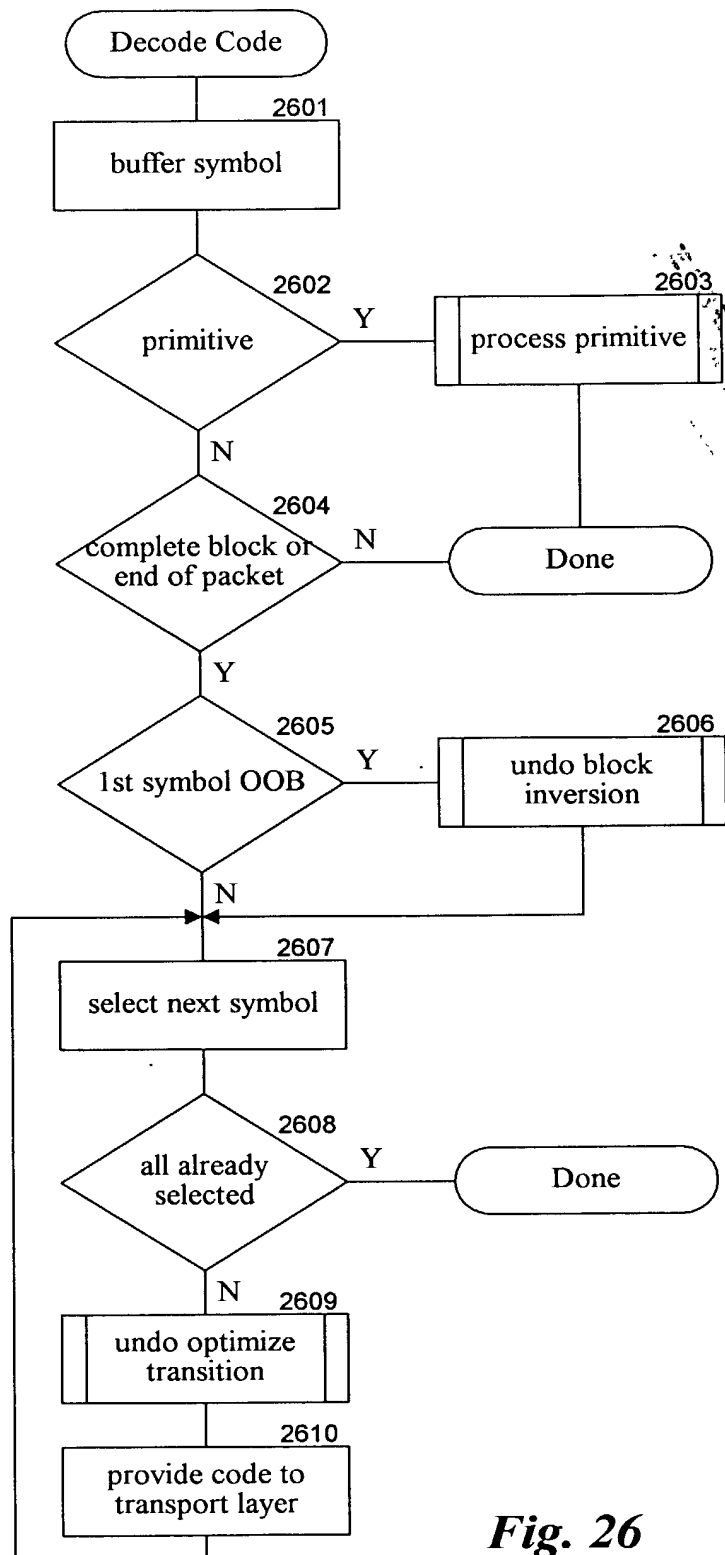
**Fig. 23**



**Fig. 24**

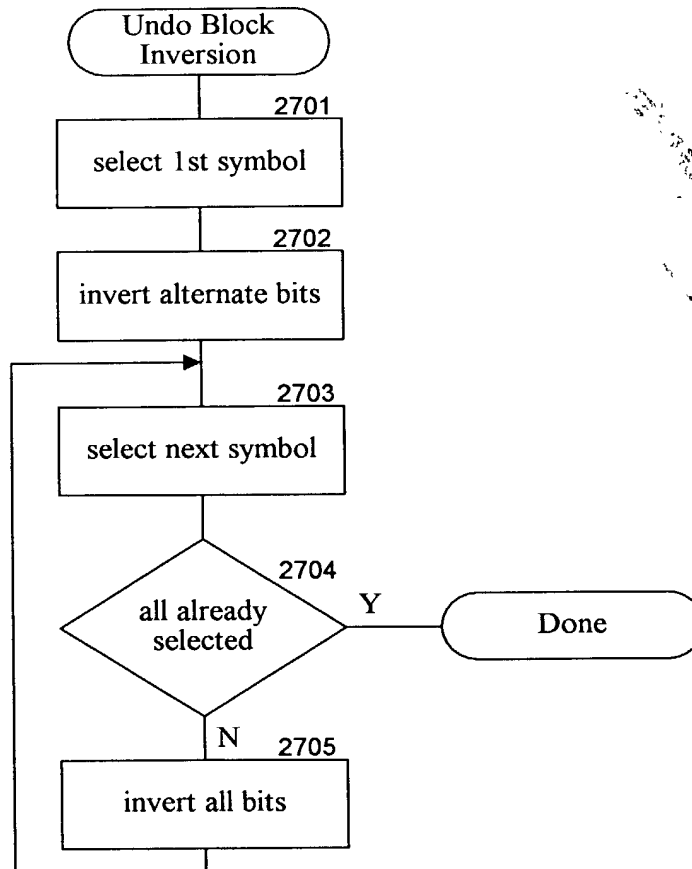


**Fig. 25**

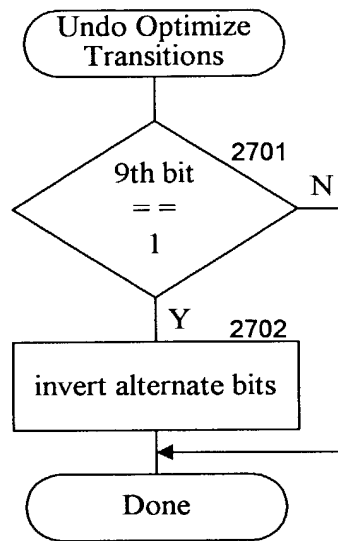


**Fig. 26**

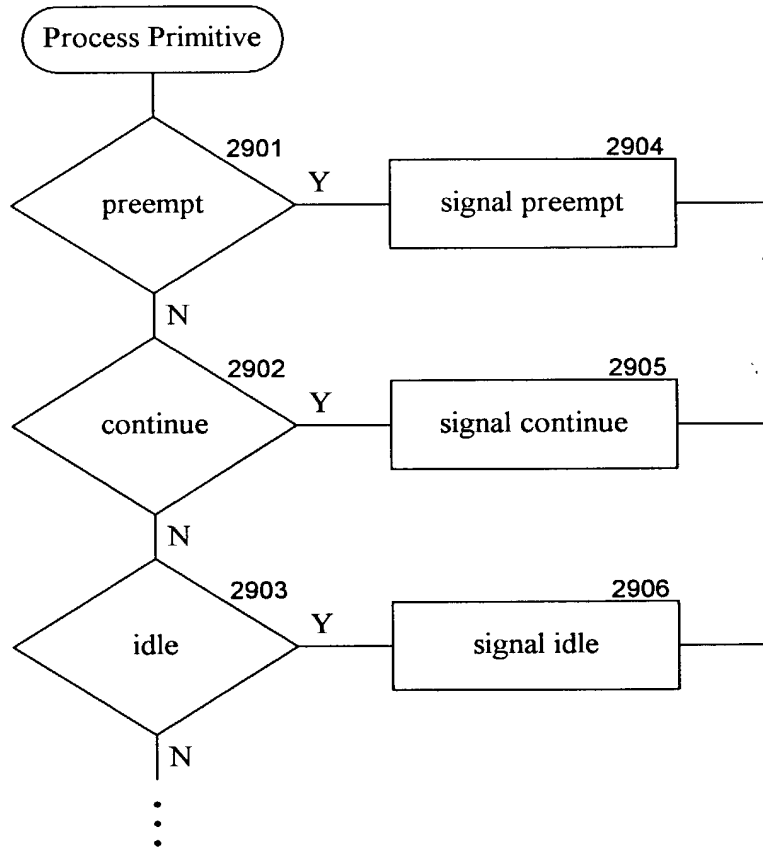




**Fig. 27**



**Fig. 28**



**Fig. 29**

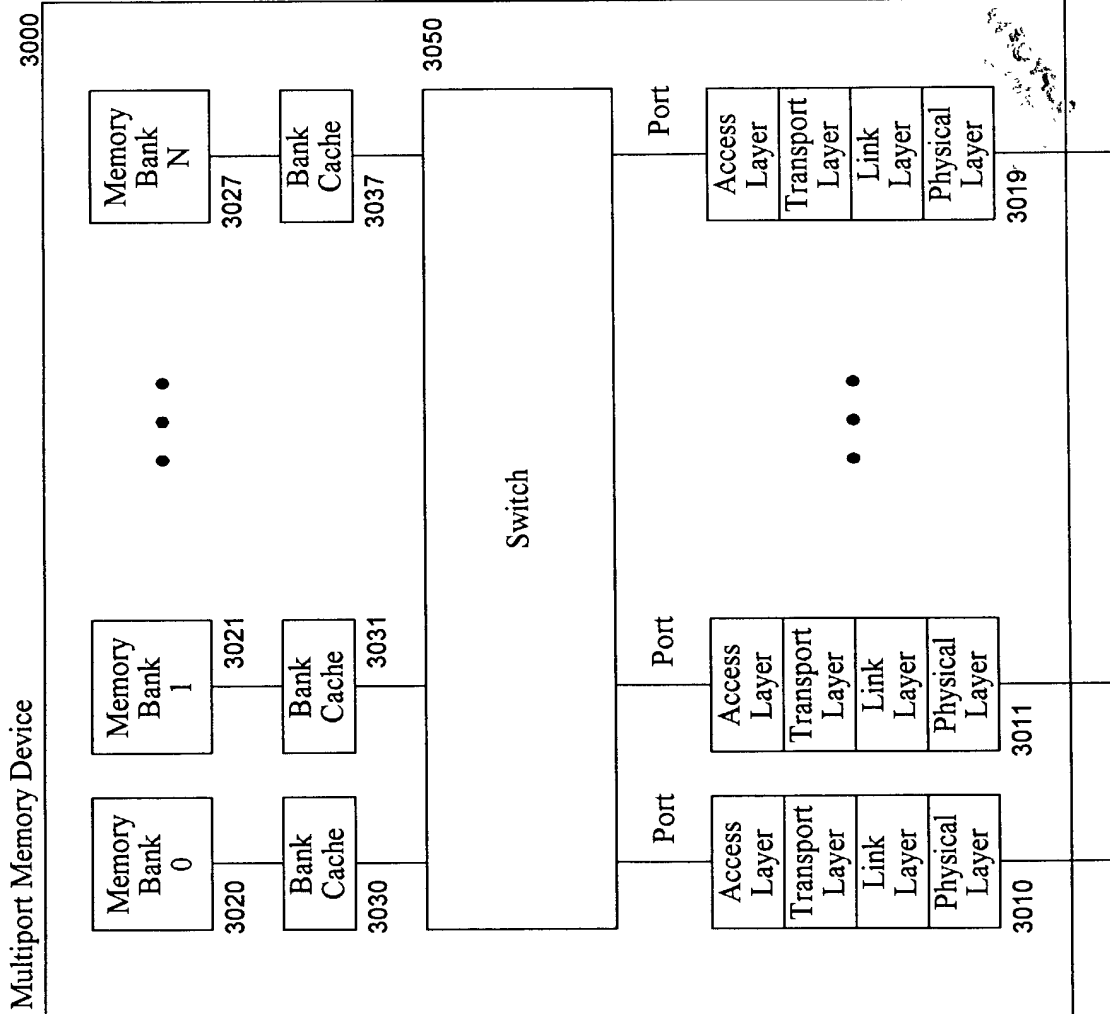


Fig. 30

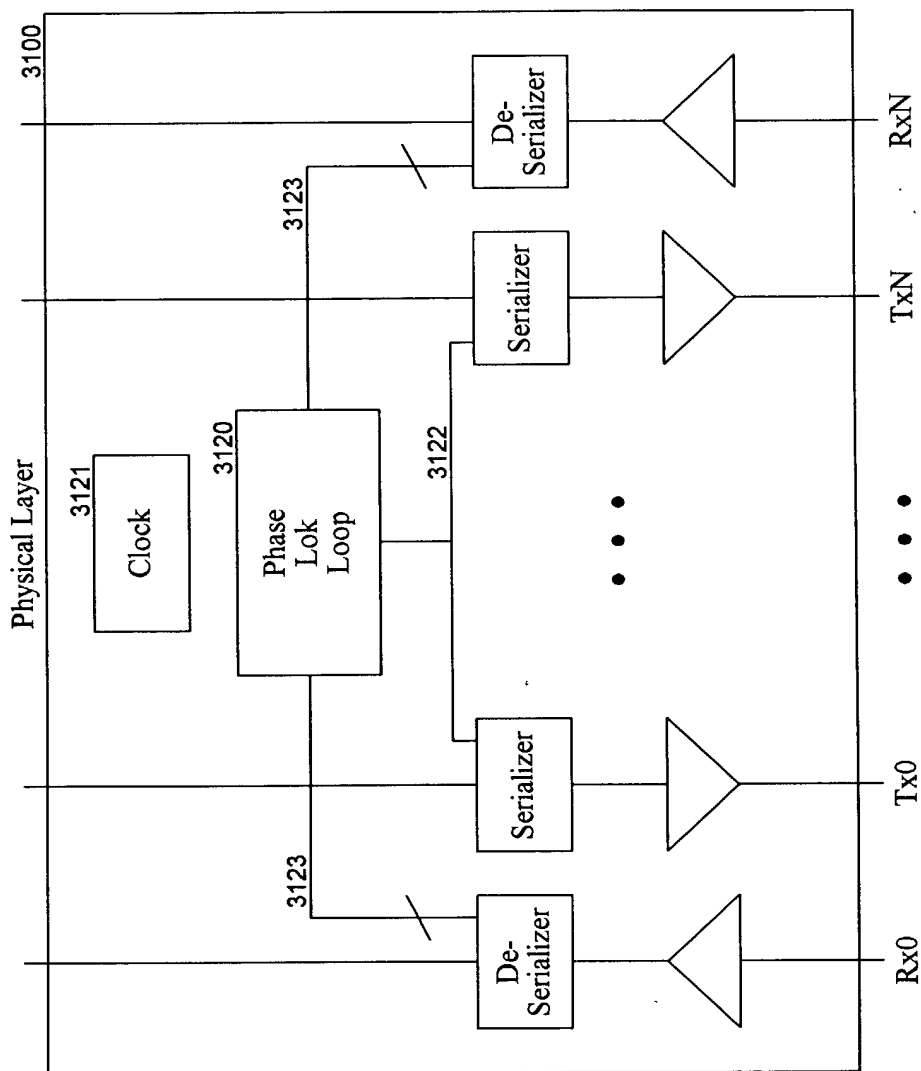
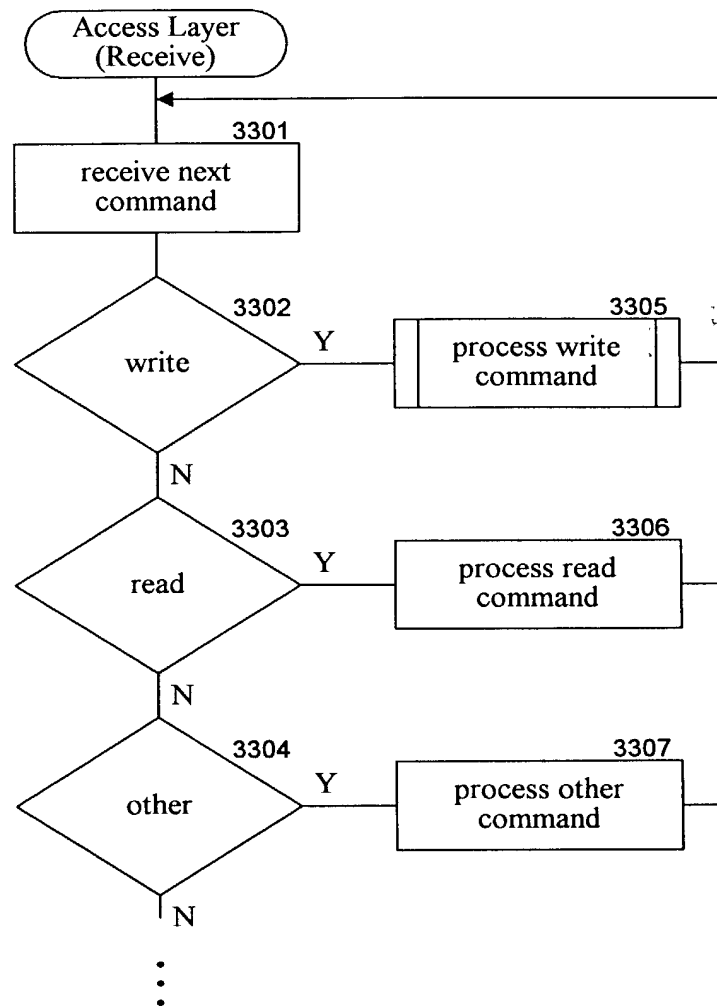


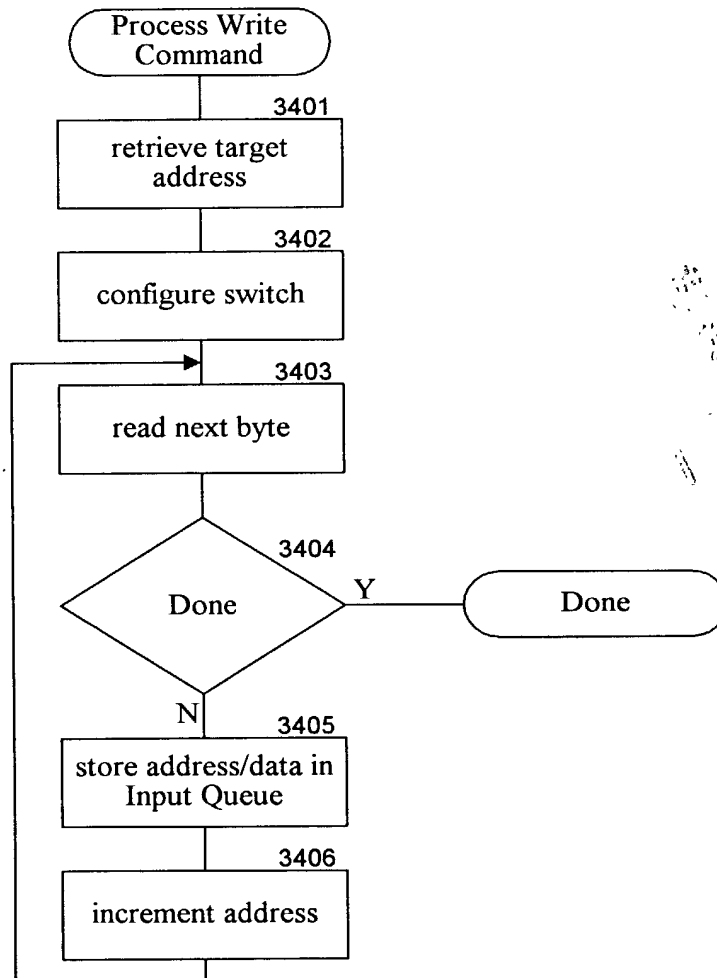
Fig. 31

Input Queue			Output Queue		
3201			3202		
Port	R/W	Address	Valid	Port	Data
3	R	1000	1	3	11...0
4	W	4000	0		
3	W	1000	0		
3	R	2000	1	3	101...1
	⋮			⋮	

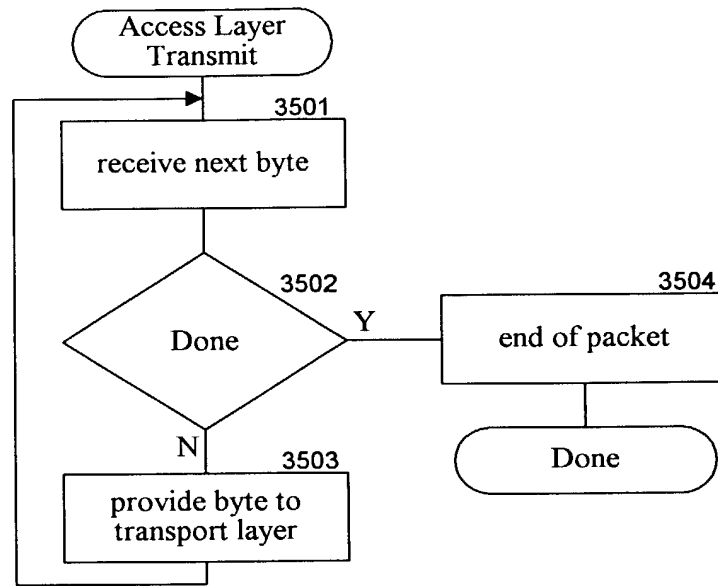
Fig. 32



**Fig. 33**

**Fig. 34**





**Fig. 35**

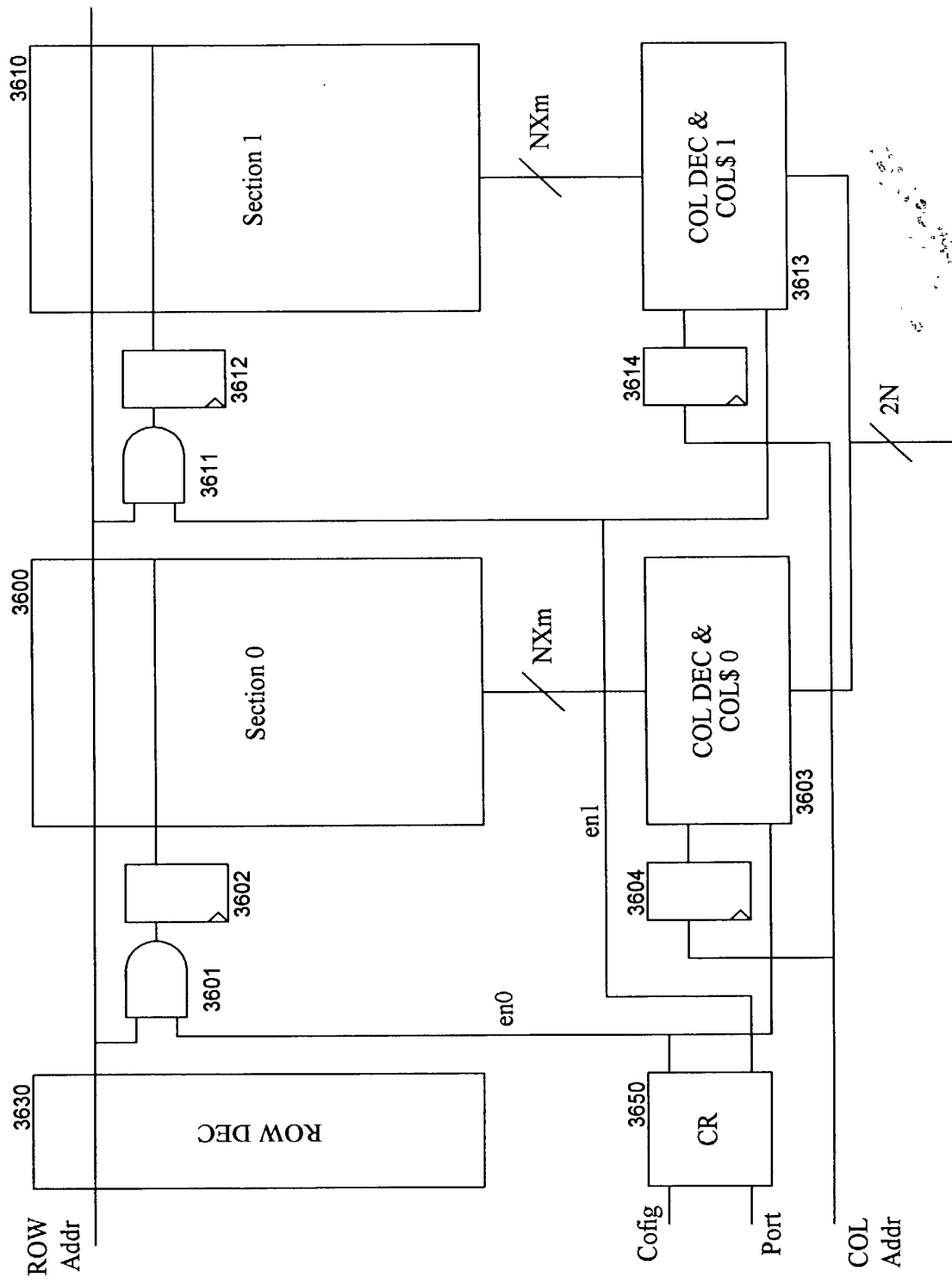


Fig. 36

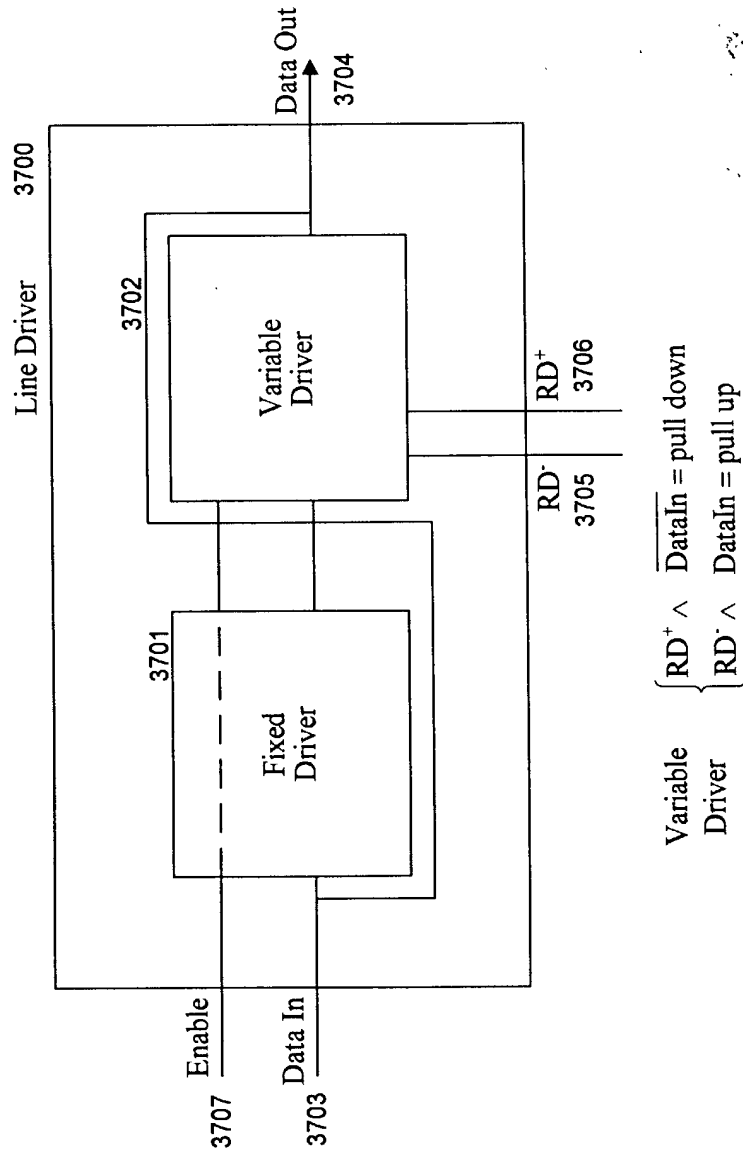


Fig. 37A

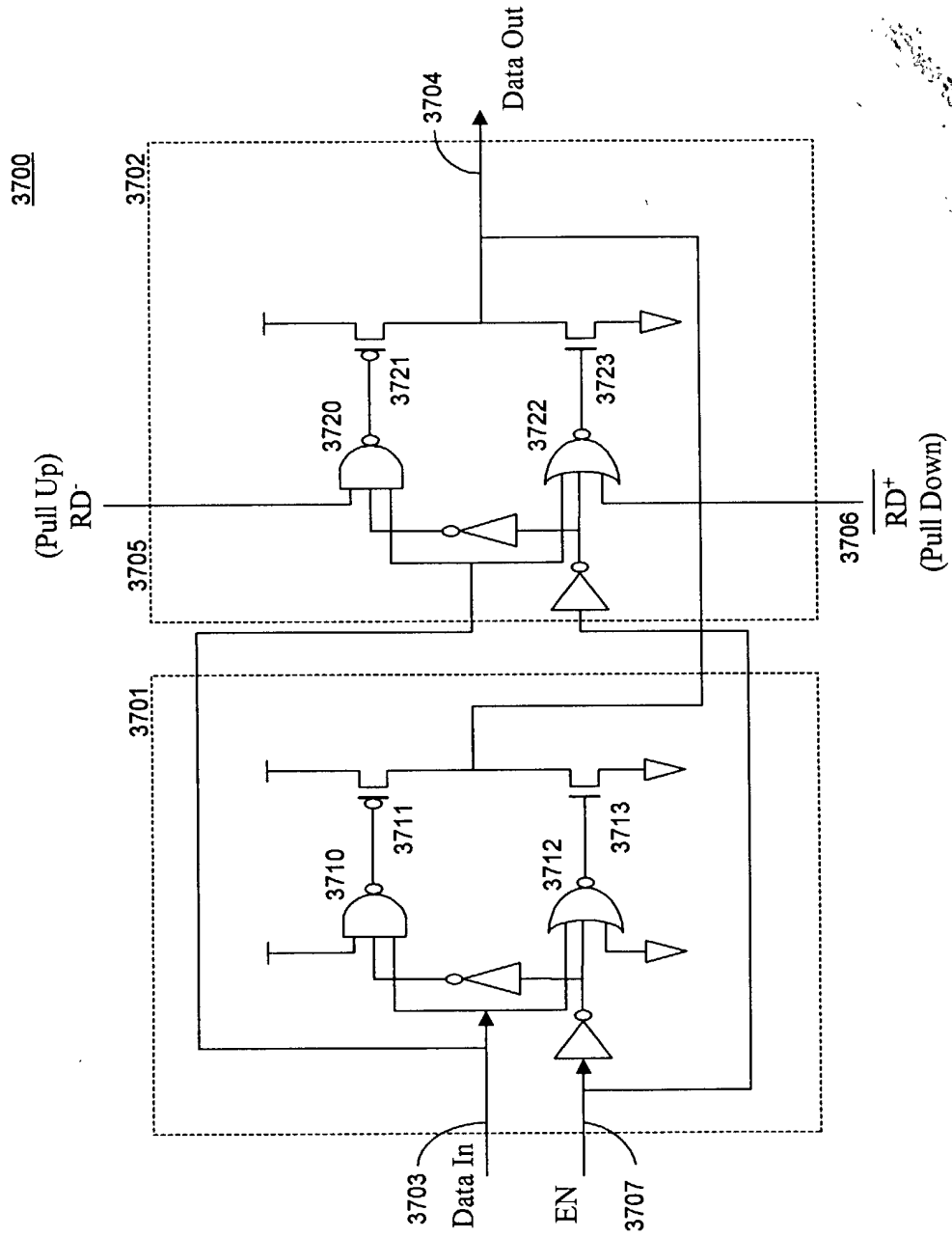


Fig. 37B

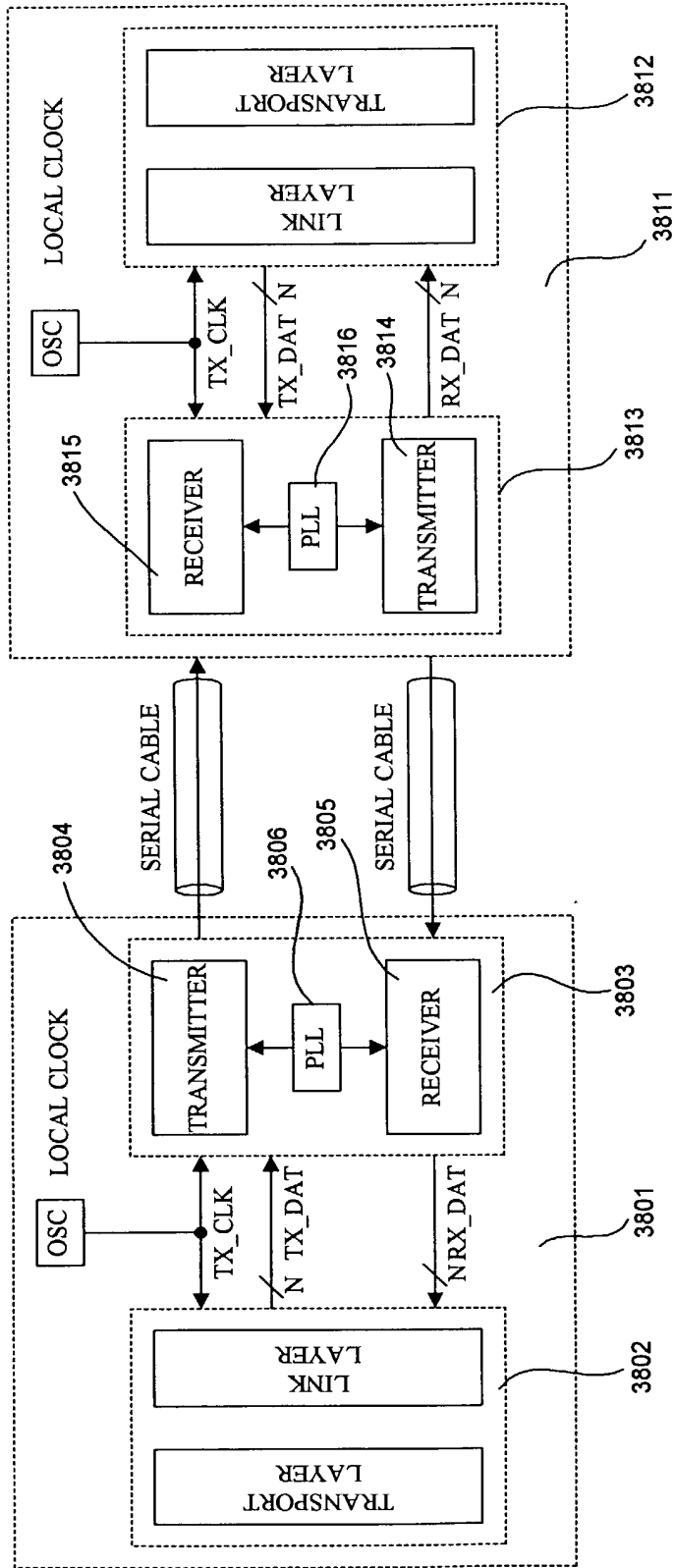


Fig. 38A

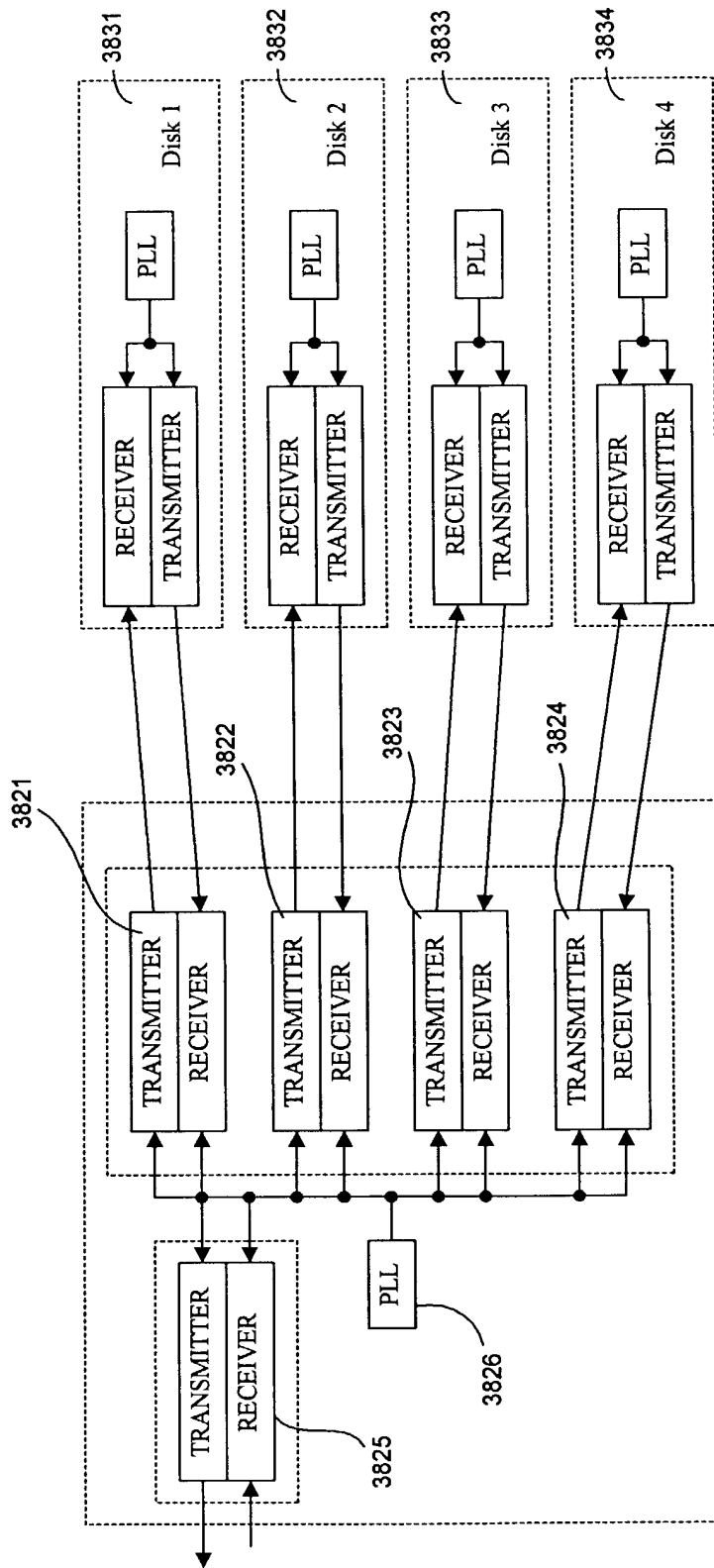
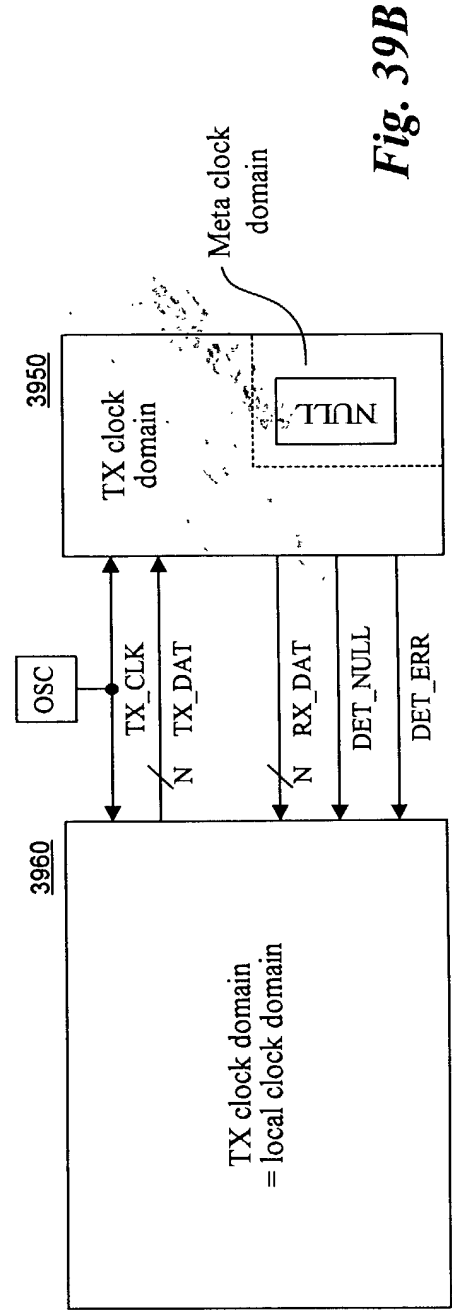
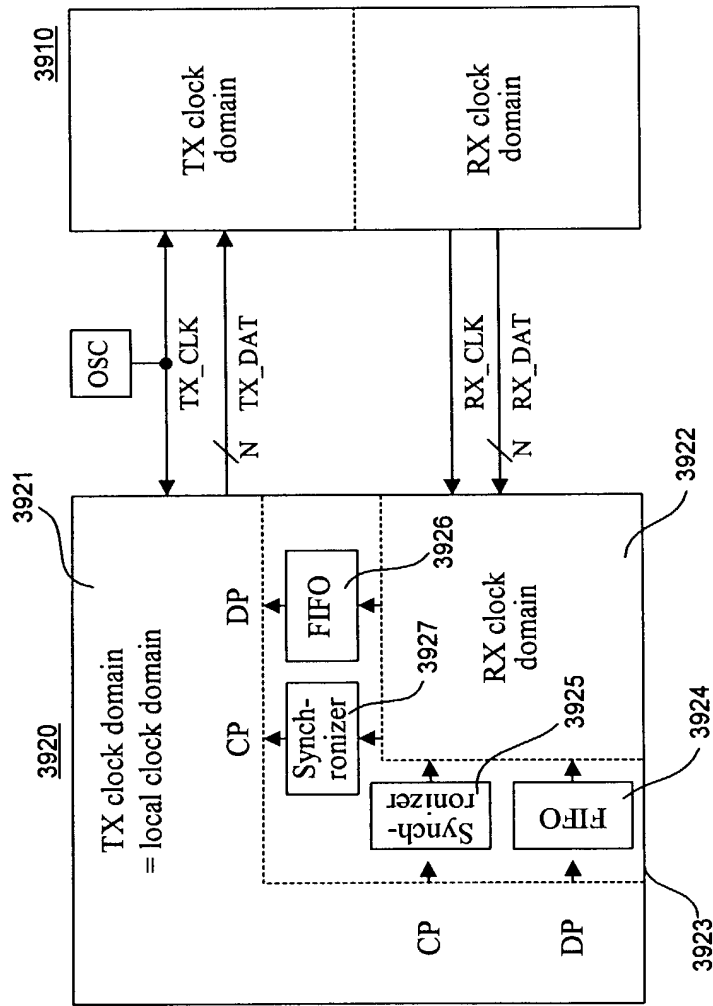


Fig. 38B



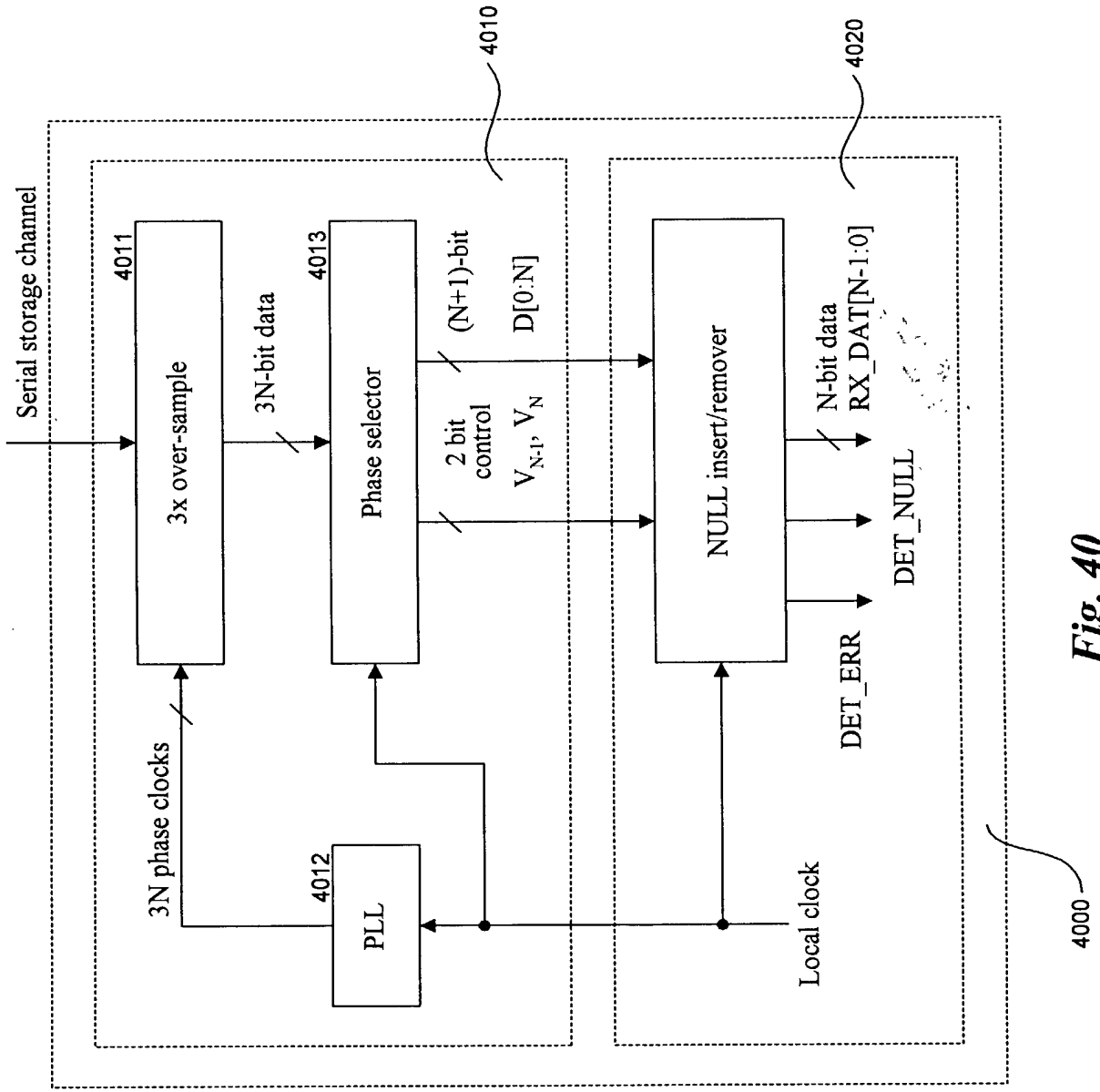


Fig. 40



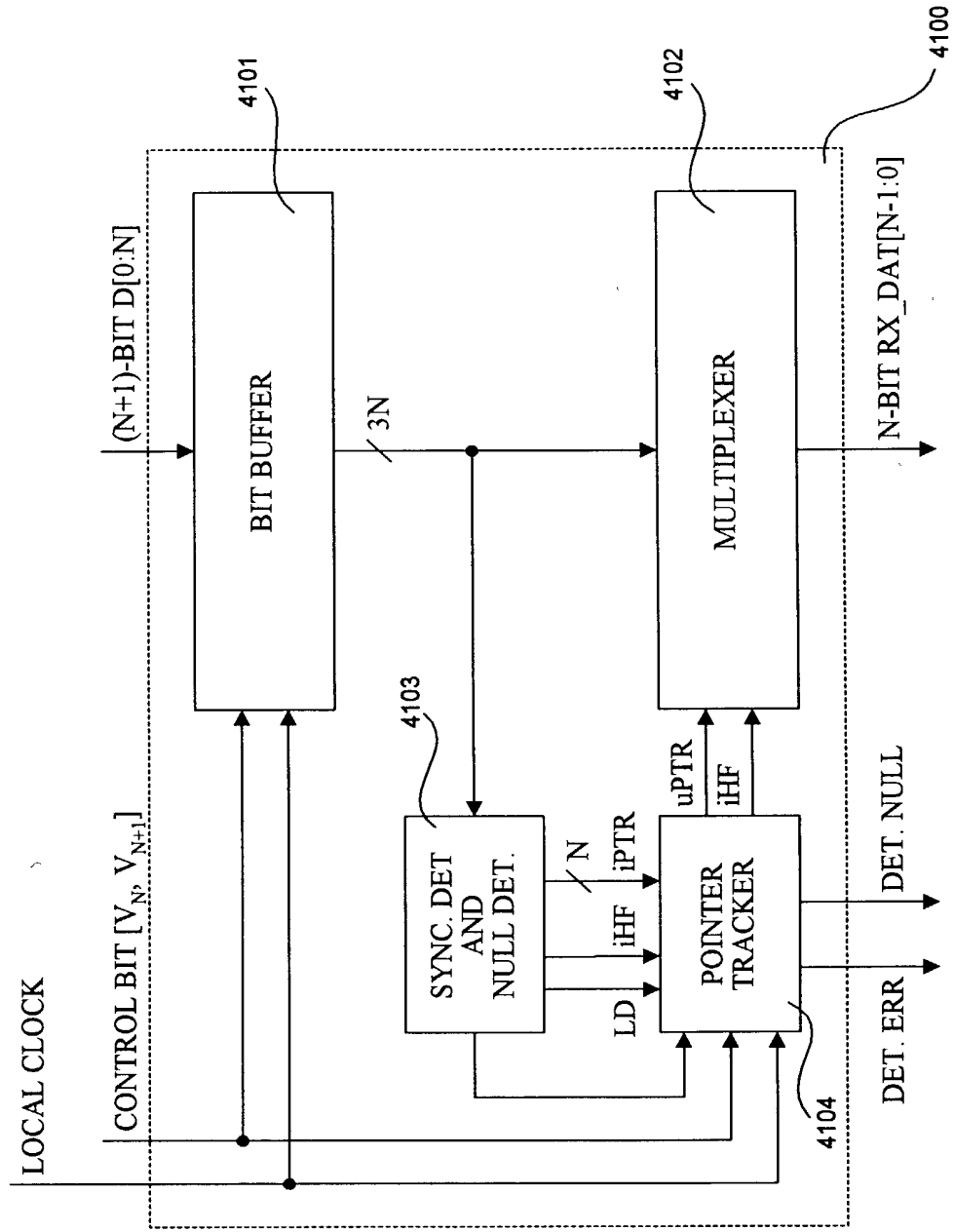
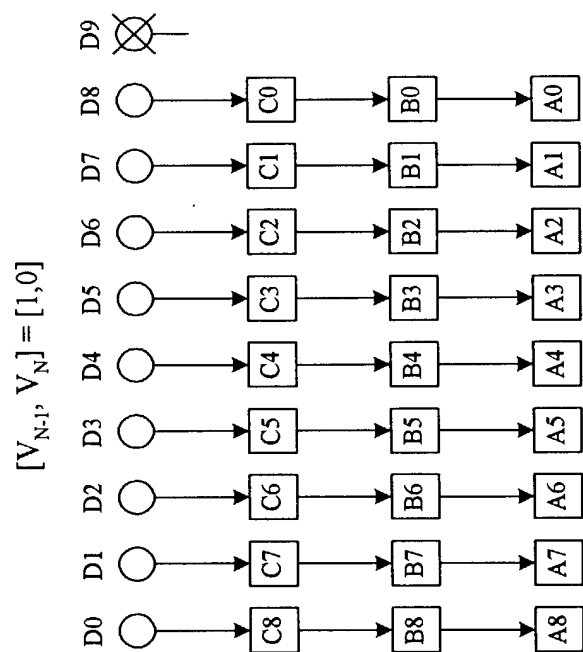
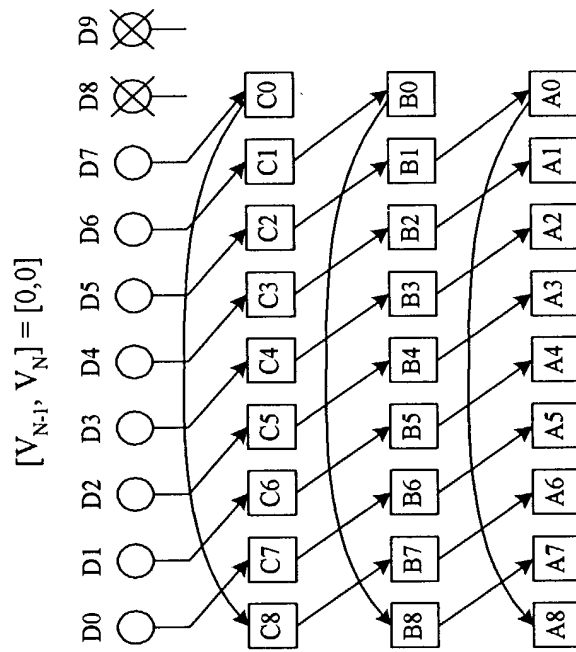


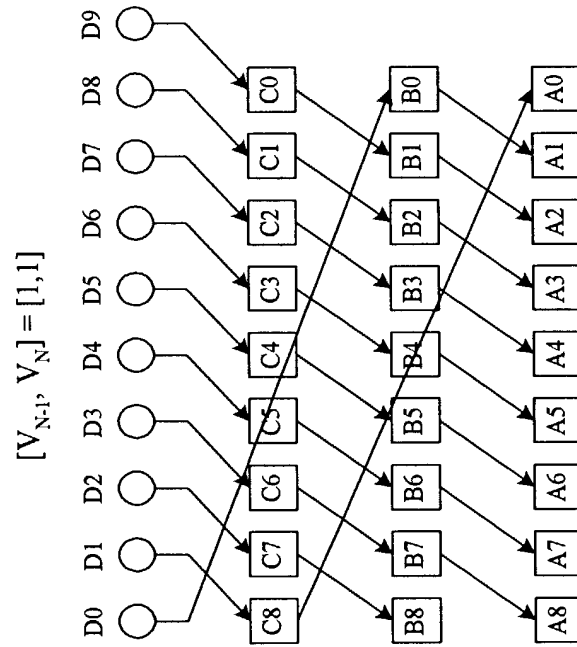
Fig. 41



**Fig. 42A**



**Fig. 42B**



**Fig. 42C**

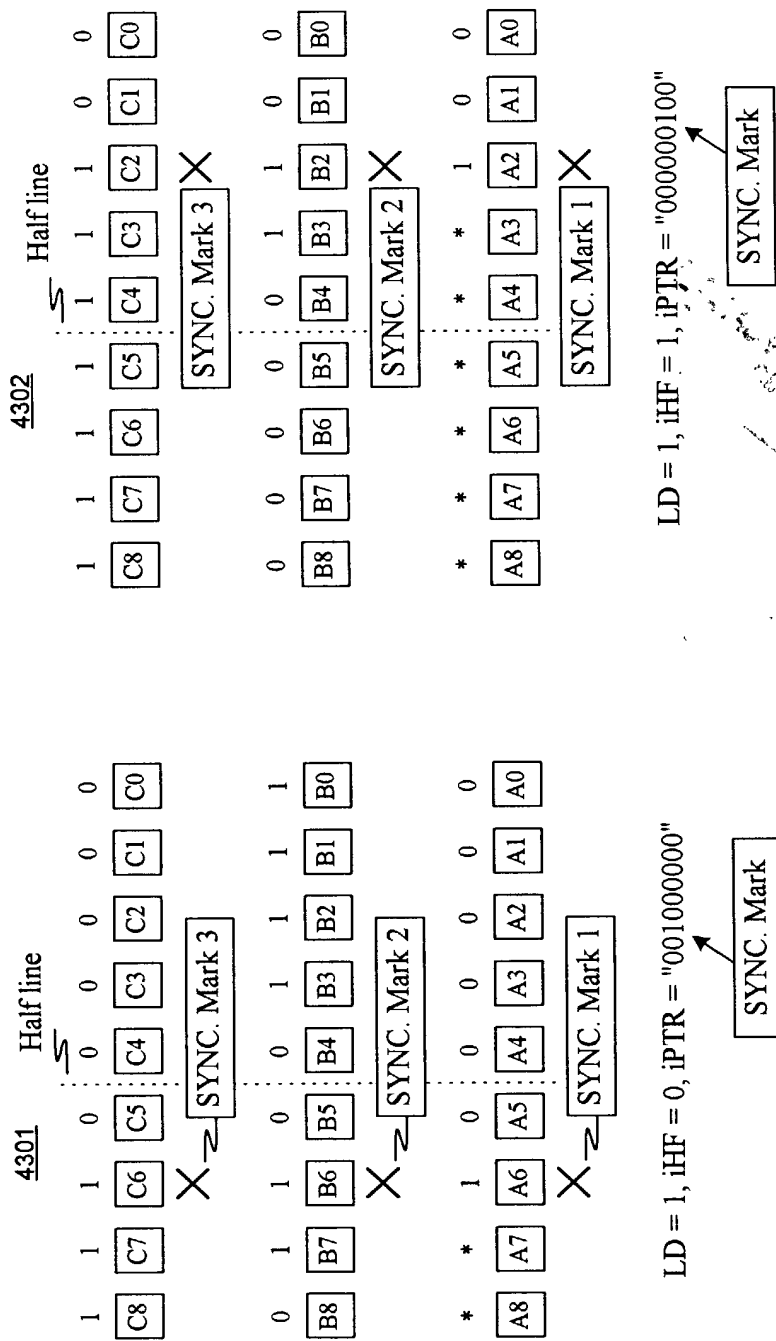
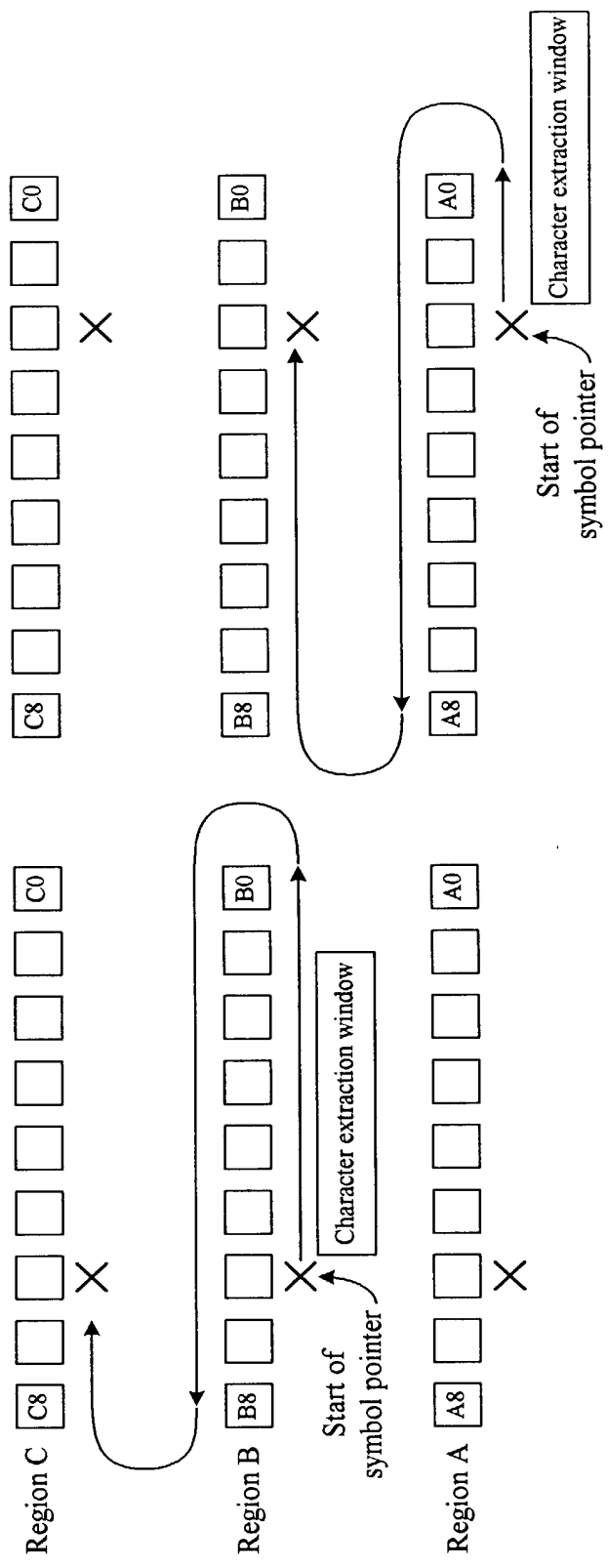


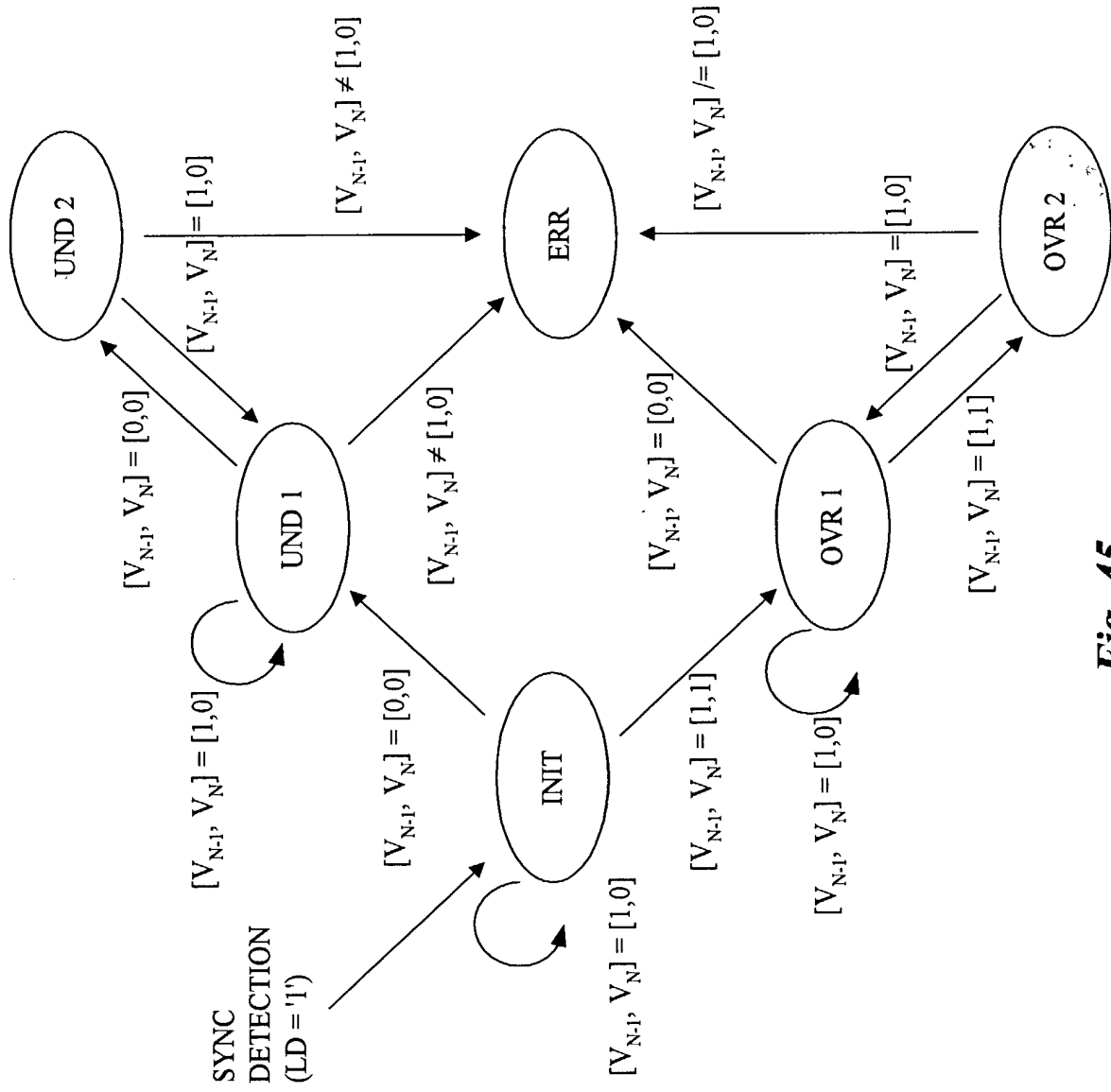
Fig. 43



LD = 1, iHF = 1, iPTR = "000000100"

LD = 1, iHF = 0, iPTR = "001000000"

Fig. 44



**Fig. 45**

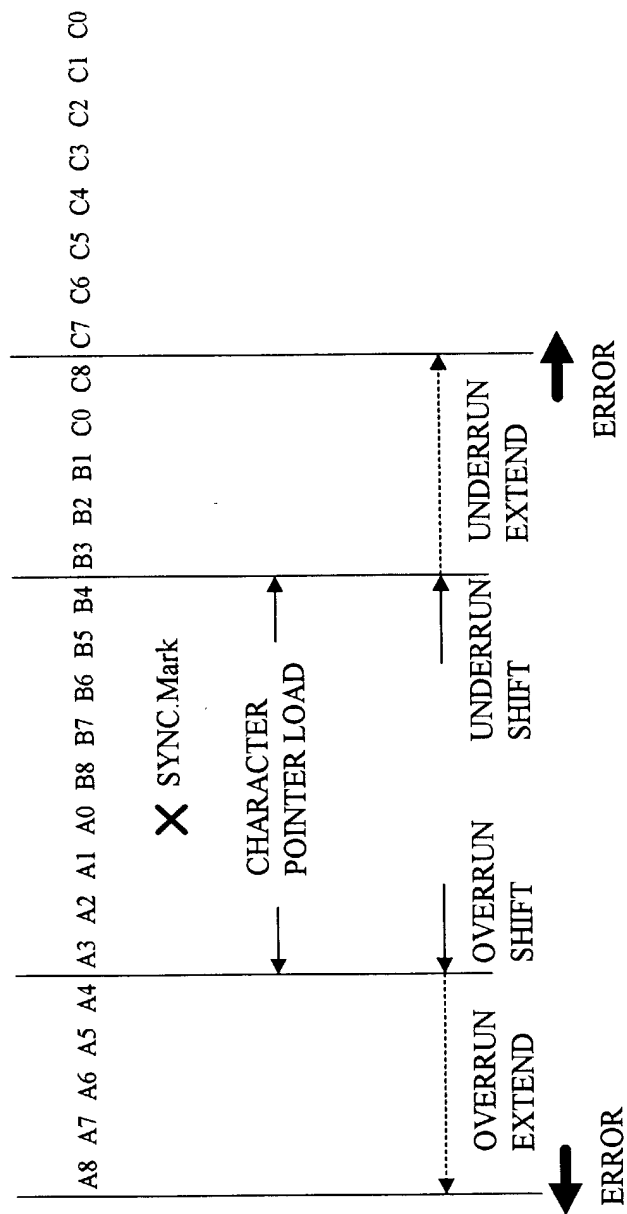
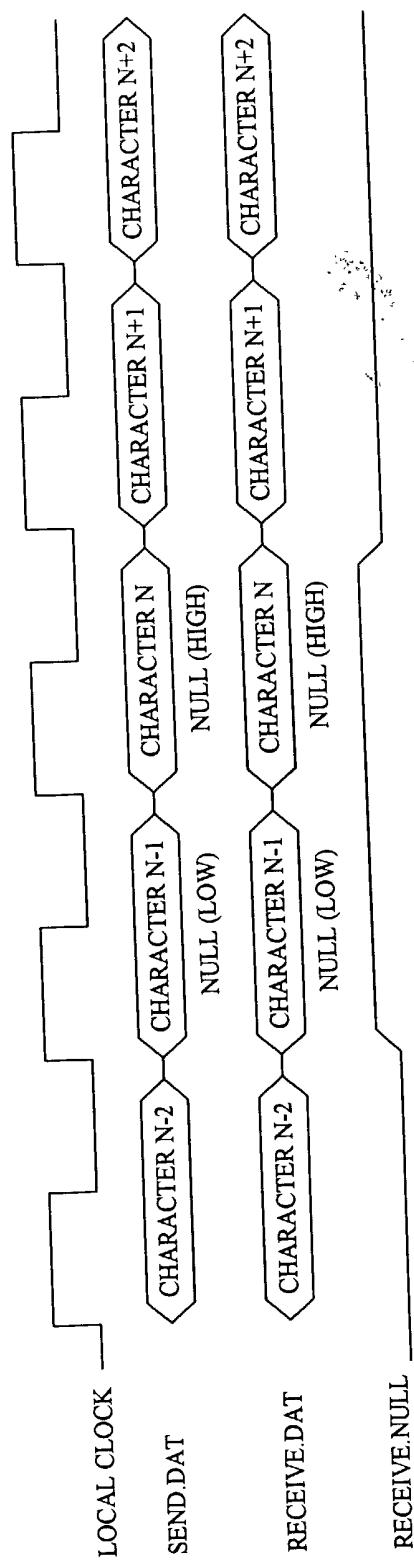
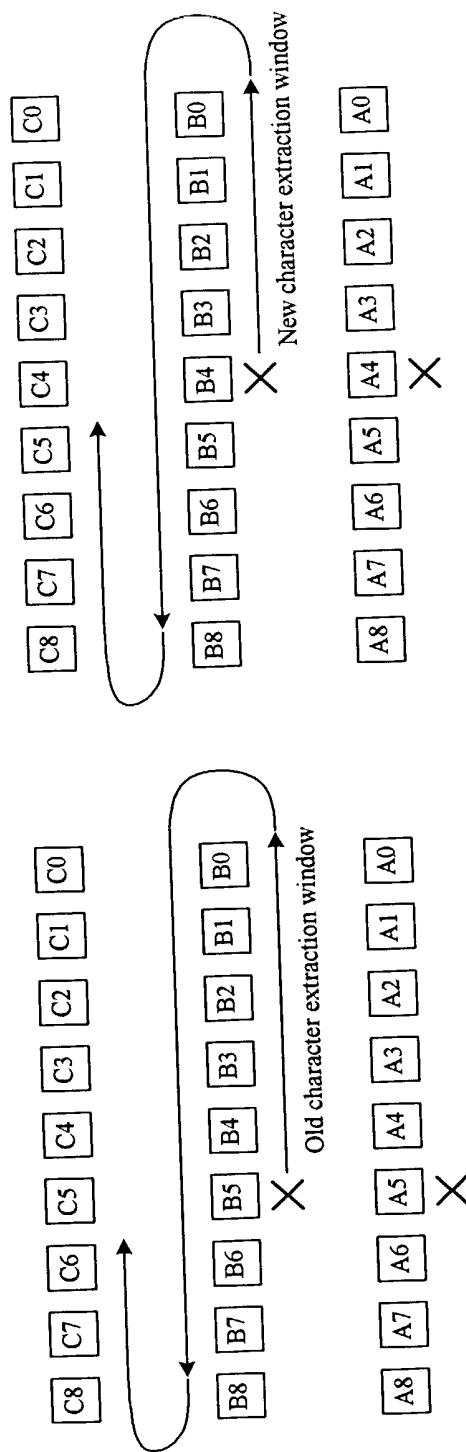
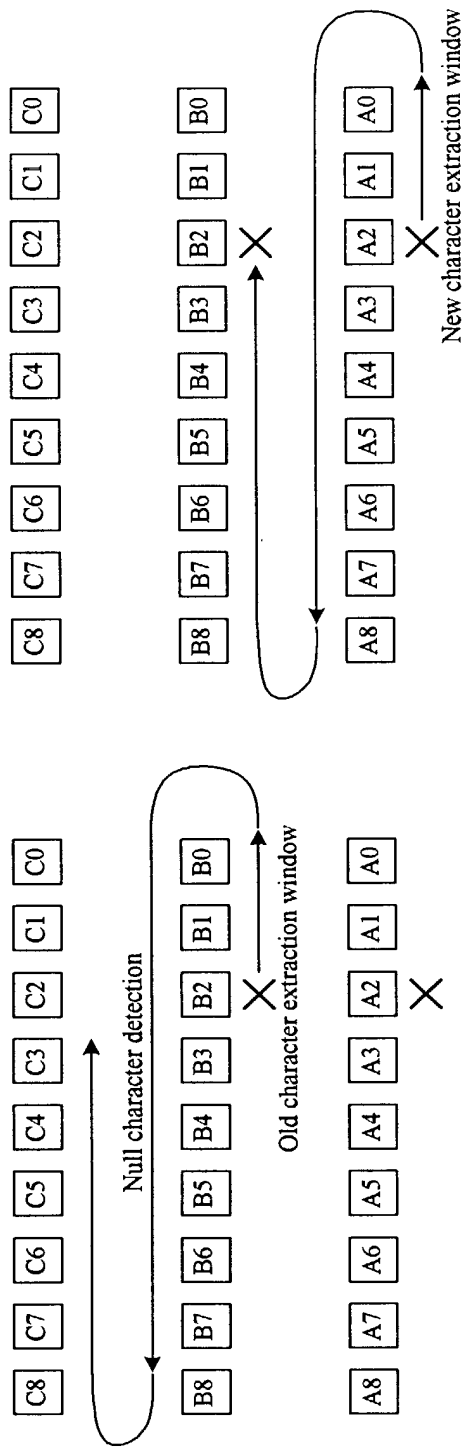


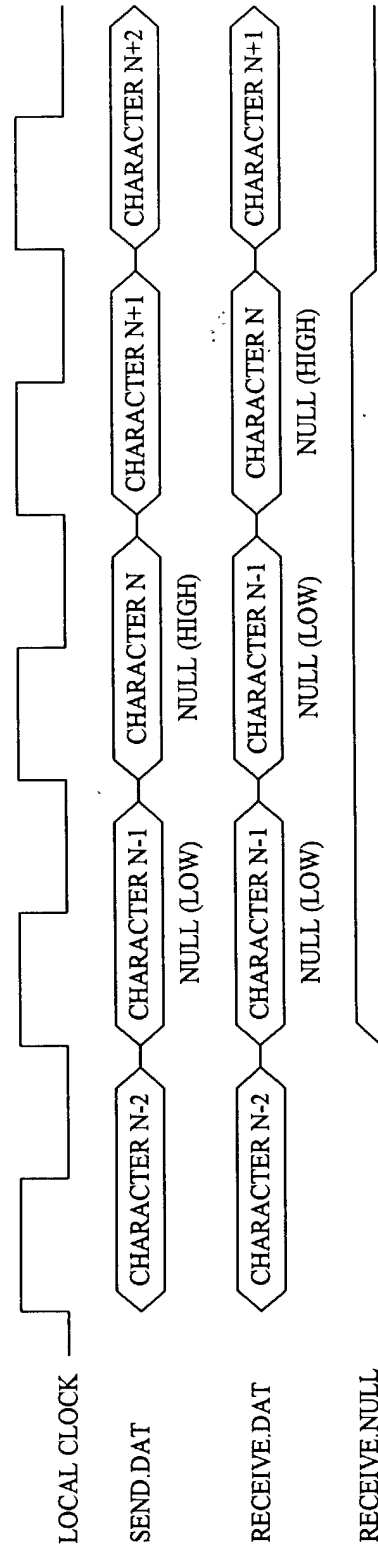
Fig. 46



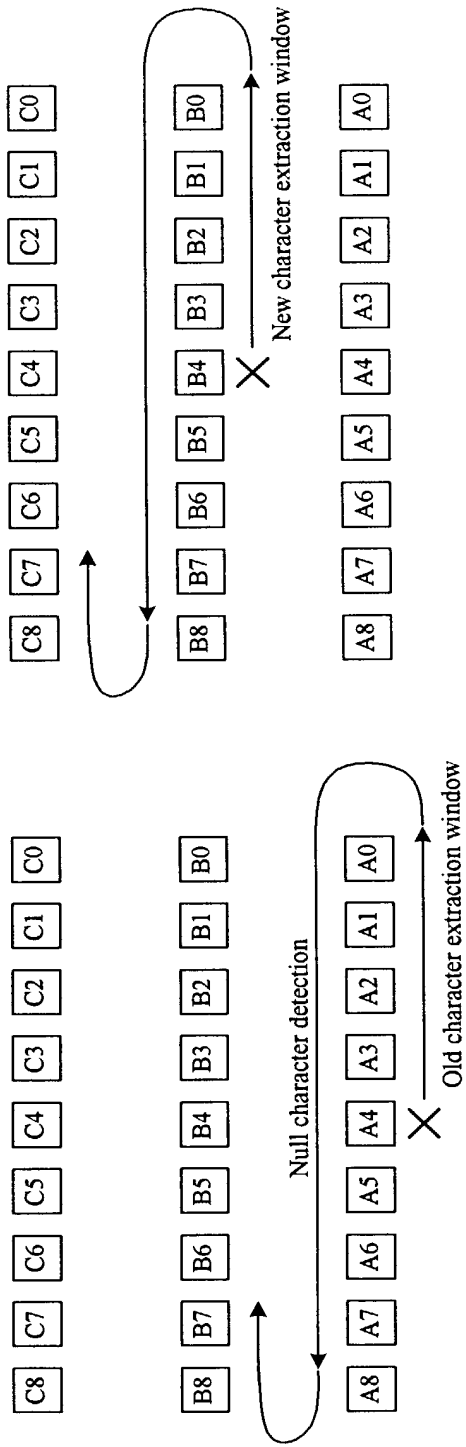




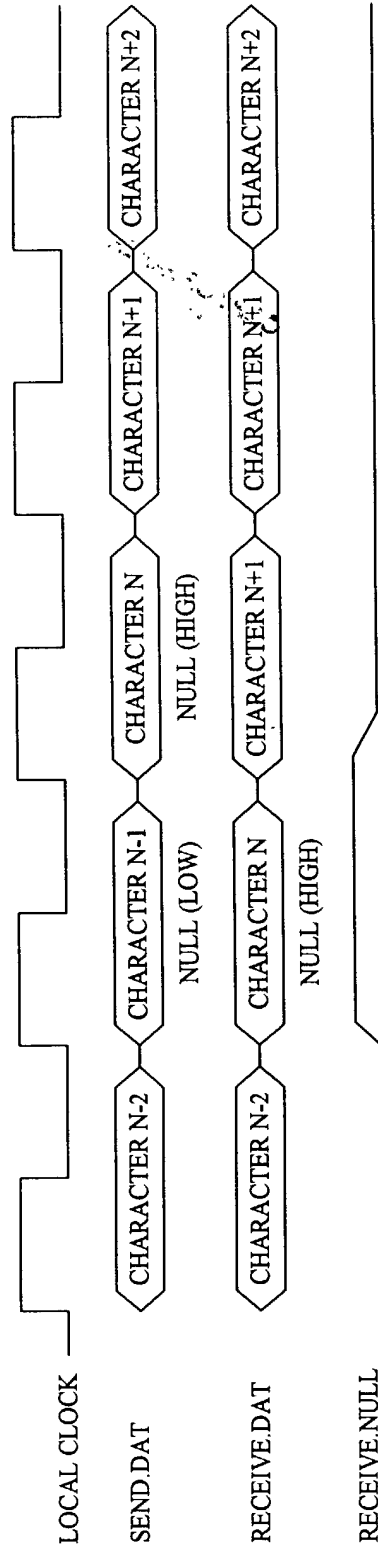
**Fig. 48A**



**Fig. 48B**



**Fig. 49A**



**Fig. 49B**